

How to use alpha channel with graphics for pdf with pdf generator sdk for javascript in Javascript and ByteScout PDF Suite

Learning is essential in computer world and the tutorial below will demonstrate how to use alpha channel with graphics for pdf with pdf generator sdk for javascript in Javascript

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Source Code Files:

checkdatauri.js

```
// checks if we have datauri support in current browser
// if we have support for datauri support then we can stream generated PDF right
// otherwise we should use Downloadify script to allow user to save PDF file
function CheckDataURISupport(){

var result = true;
var checkDataURISupportImage = new Image();

checkDataURISupportImage.onload = checkDataURISupportImage.onerror = function()
    if(this.width != 1 || this.height != 1){
        result = false;
    }
}
checkDataURISupportImage.src = "";
// check if we have datauri support in current browser - end

return result;
}
```

createpdf.js

```
// function that creates BytescoutPDF instance (defined in BytescoutPDF.js script which
// then calls API methods and properties to create PDF document
// and returns created BytescoutPDF object instance
// this CreatePDF() function is called from Sample.html
// IsInternetExplorer8OrLower parameter indicates if we use IE8 or lower so we CAN'T use
// IMPORTANT ABOUT IMAGES:
// When using Firefox or IE, pdf generation may fail because images are not accessible
// the solution for this issue is to preload images in main HTML document before running
// to preload images, put them into hidden div block "pdfreportimages" - you can see it

function CreatePDF(IsInternetExplorer8OrLower) {

// create BytescoutPDF object instance
var pdf = new BytescoutPDF();
// set document properties: Title, subject, keywords, author name and creator name
pdf.propertiesSet("Sample document title", "Sample subject", "keyword1, keyword 2,
pdf.pageAdd();
```

```
// draw transparent star

pdf.graphicsSetColor("ffff00");
pdf.graphicsSetAlpha(125);

var rad=200;
var cx=300; var cy=300;

pdf.graphicsSetLineWidth(10);

for (var an = 0.0; an < Math.PI; an += Math.PI / 20)
{
    var x = rad * Math.sin(an);
    var y = rad * Math.cos(an);
    pdf.graphicsDrawLine(cx + x, cy + y, cx - x, cy - y);
}

// return BytescoutPDF object instance
return pdf;
}
```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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