

Converting Colors

RGB(113, 218, 178)

Have a look what the booklet for
RGB(113, 218, 178) contains.

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Color

RGB(113, 218, 178)

Conversions

Conversions Part 1

Format	Color
Hex	71DAB2
RGB	113, 218, 178
RGB Percent	44%, 85%, 70%
CMY	0.5569, 0.1451, 0.3020
CMYK	0.48, 0.00, 0.18, 0.15
HSL	157°, 59%, 65%
HSV	157°, 48%, 85%
XYZ	39.9173, 56.8679, 50.9922
YIQ	182.0450, -49.7400, -34.7000

Conversions

Conversions Part 2

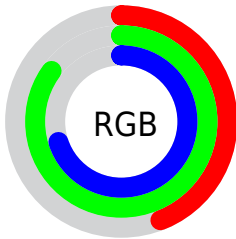
Format	Color
RYB	113, 178, 218
Decimal	7461554
CIELab	80.11, -39.81, 10.38
CIELCh	80, 41.143, 165.380
Yxy	56.8679, 0.2701, 0.3848
Android (android.graphics.Color)	4285651634 (0xFF71DAB2)
YUV	182.0450, -1.9942, -60.5525
Hunter-Lab	75.4108, -37.4831, 12.6961

Details

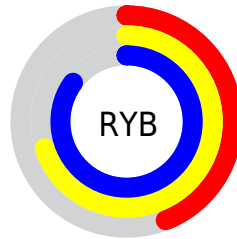
The RGB color **113, 218, 178** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **218, 113, 153**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **170, 255, 234**, and **53, 162, 125** is the 20% darker color. If you saturate the color by 10%, you get **91, 218, 170**, and if you desaturate by 10%, it is **135, 218, 186**.

Distribution



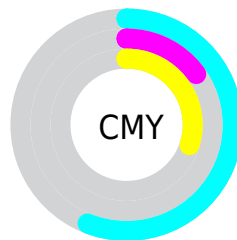
- Red (44%)
- Green (85%)
- Blue (70%)



- Red (44%)
- Yellow (70%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 218, 178 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 113, 218, 178 by changing the saturation by 10% instead.

 113, 218, 178


255, 255, 255


 170, 255, 234


 199, 255, 255


 229, 255, 255


 113, 218, 178

 84, 190, 151


 53, 162, 125

 10, 136, 100

 0, 110, 76

 0, 85, 54

 0, 60, 32

 0, 39, 10

 0, 1, 0

 0, 0, 0

 113, 218, 178

 113, 218, 178

 91, 218, 170

 135, 218, 186

 69, 218, 161

 157, 218, 195

 48, 218, 153


 178, 218, 203

 26, 218, 145

 200, 218, 211

 4, 218, 136

 222, 218, 220

 0, 218, 135

 244, 218, 228

 255, 218, 236

 255, 218, 244

 255, 218, 253

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161, 212, 143



113, 218, 178



61, 219, 218

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



113, 218, 178



176, 196, 255



255, 177, 146

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



113, 218, 178



218, 113, 153

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 169, 180



113, 218, 178



228, 182, 253

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



113, 218, 178



111, 208, 255



255, 171, 219



241, 190, 125

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



113, 218, 178



42, 218, 242



255, 171, 219



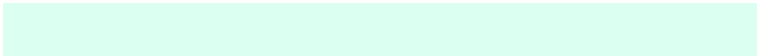
255, 174, 156

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



113, 218, 178



219, 255, 241



153, 218, 113



106, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113, 218, 178



107, 255, 199



113, 206, 218



99, 110, 105



0, 173, 107



0, 46, 28

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



218, 113, 153



255, 107, 163



218, 125, 113



110, 99, 103



173, 0, 66



46, 0, 17

Previews

White Background



This preview shows how the RGB color 113, 218, 178 looks on a white background.

Color Contrast Check

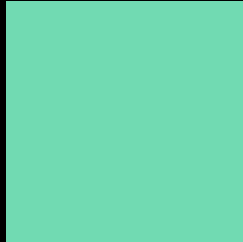
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 113, 218, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

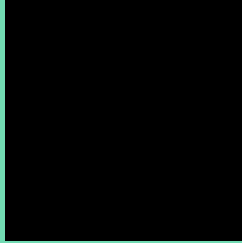
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 113, 218, 178 Background



This preview shows how black text looks on a background with the RGB color 113, 218, 178.

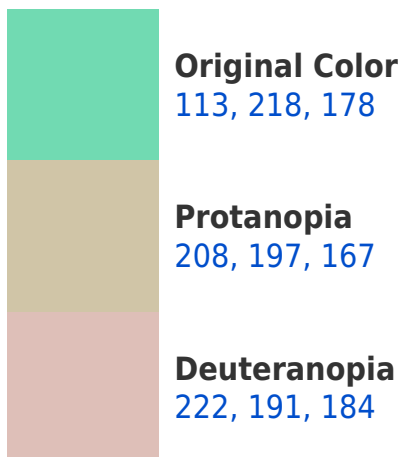


This preview shows how white text looks on a background with the RGB color 113, 218, 178.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
127, 211, 228

Trichromacy



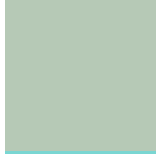
Original Color

113, 218, 178



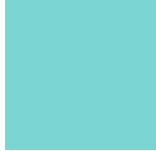
Protanomaly

173, 205, 171



Deuteranomaly

182, 201, 182



Tritanomaly

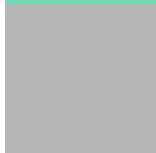
122, 214, 210

Monochromacy



Original Color

113, 218, 178



Achromatopsia

182, 182, 182



Achromatomaly

157, 195, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 218, 178 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(113, 218, 178)` looks like.

```
.text, #text, p{  
    color:rgb(113, 218, 178)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(113, 218, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 218, 178) }
```

Border

The CSS property to change the border of an element to RGB 113, 218, 178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 218, 178) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(113, 218, 178) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(113, 218, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 218, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 218, 178);  
box-shadow:4px 4px 4px 4px rgb(113, 218,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 113, 218, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 218, 178) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(113,  
218, 178) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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