

Converting Colors

RGB(190, 244, 242)

Have a look what the booklet for
RGB(190, 244, 242) contains.

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Color

RGB(190, 244, 242)

Conversions

Conversions Part 1	
Format	Color
Hex	BEF4F2
RGB	190, 244, 242
RGB Percent	75%, 96%, 95%
CMY	0.2549, 0.0431, 0.0510
CMYK	0.22, 0.00, 0.01, 0.04
HSL	178°, 71%, 85%
HSV	178°, 22%, 96%
XYZ	69.6129, 82.0593, 96.1744
YIQ	227.6260, -31.5420, -12.0700

Conversions

Conversions Part 2

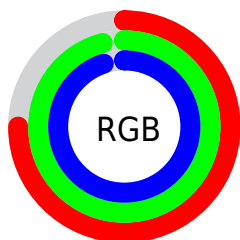
Format	Color
RYB	190, 218, 244
Decimal	12514546
CIELab	92.60, -17.41, -4.65
CIELCh	93, 18.019, 194.960
Yxy	82.0593, 0.2809, 0.3311
Android (android.graphics.Color)	4290704626 (0xFFBEF4F2)
YUV	227.6260, 7.0864, -32.9980
Hunter-Lab	90.5866, -21.3550, 0.4633

Details

The RGB color **190, 244, 242** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 190, 192**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **247, 255, 255**, and **135, 188, 186** is the 20% darker color. If you saturate the color by 10%, you get **166, 244, 241**, and if you desaturate by 10%, it is **214, 244, 243**.

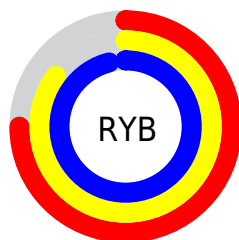
Distribution



Red (75%)

Green (96%)

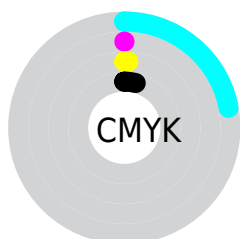
Blue (95%)



Red (75%)

Yellow (85%)

Blue (96%)

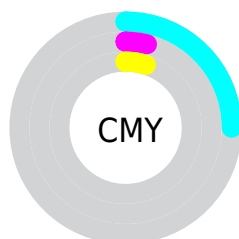


Cyan (22%)

Magenta (0%)

Yellow (1%)

Black (4%)



Cyan (25%)

Magenta (4%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 244, 242 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 190, 244, 242 by changing the saturation by 10% instead.


 190, 244, 242

255, 255, 255


 247, 255, 255


 190, 244, 242

 162, 216, 214

 135, 188, 186

 109, 161, 159

 83, 134, 133

 58, 109, 108

 32, 84, 83

 1, 61, 60

 0, 39, 39

 0, 17, 18

 190, 244, 242

 190, 244, 242

 166, 244, 241

 214, 244, 243

 141, 244, 240

 239, 244, 244

 117, 244, 239

 255, 244, 245

 92, 244, 238

 255, 244, 246

 68, 244, 237

 255, 244, 247

 44, 244, 237

 255, 244, 247

 19, 244, 236

 255, 244, 248

 0, 244, 235

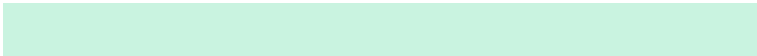
 255, 244, 249

 255, 244, 250

Harmonies

Analogous

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



201, 243, 224



190, 244, 242



191, 242, 255

Triad

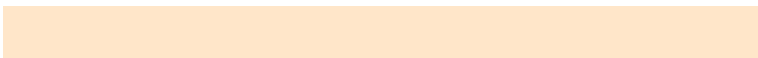
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190, 244, 242



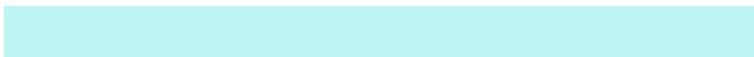
248, 227, 255



255, 230, 201

Complementary

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



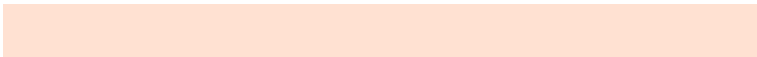
190, 244, 242



244, 190, 192

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, 225, 210



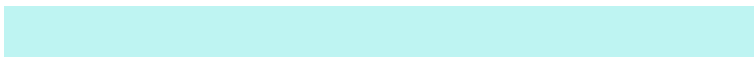
190, 244, 242



255, 223, 243

Square

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



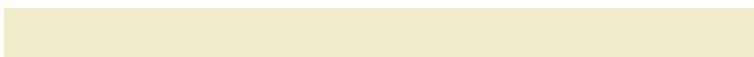
190, 244, 242



226, 232, 255



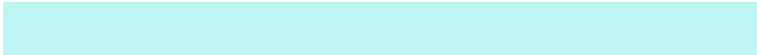
255, 222, 226



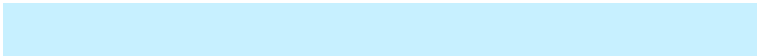
238, 235, 200

Rectangle

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



190, 244, 242



199, 240, 255



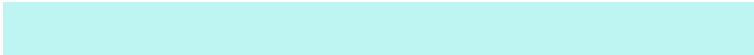
255, 222, 226



255, 228, 203

Sweetspot

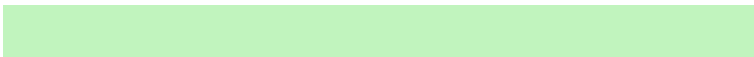
The Sweet Spot groups the original color and five complimentary colors.



190, 244, 242



237, 255, 254



193, 244, 190



117, 128, 127



0, 0, 0



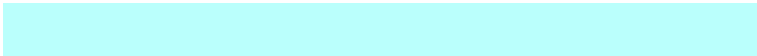
128, 128, 128

Same Dimension

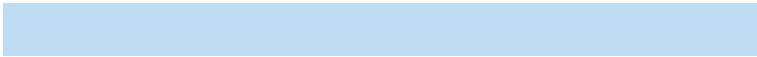
The Same Dimension uses a secret algorithm to generate beautiful new colors.



190, 244, 242



186, 255, 252



190, 220, 244



110, 122, 122



0, 186, 179



0, 59, 56

Inverse Universe

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



244, 190, 192



255, 186, 189



244, 214, 190



122, 110, 111



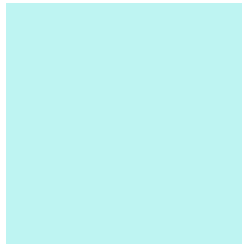
186, 0, 7



59, 0, 2

Previews

White Background



This preview shows how the RGB color 190, 244, 242 looks on a white background.

Color Contrast Check

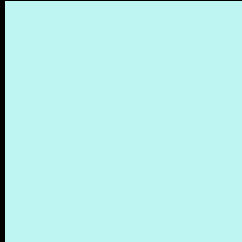
Large Text (above 18pt) WCAG AA × Fail

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 190, 244, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

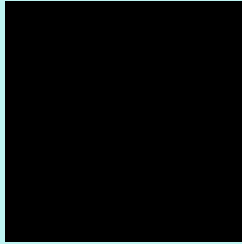
Any Text WCAG AA ✓ Pass

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 190, 244, 242 Background



This preview shows how black text looks on a background with the RGB color 190, 244, 242.

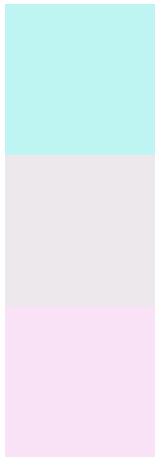


This preview shows how white text looks on a background with the RGB color 190, 244, 242.

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



Original Color
190, 244, 242

Protanopia
237, 232, 235

Deuteranopia
250, 226, 246



Tritanopia

203, 240, 255

Trichromacy

	Original Color 190, 244, 242
	Protanomaly 220, 236, 238
	Deuteranomaly 228, 233, 245
	Tritanomaly 198, 241, 250

Monochromacy

	Original Color 190, 244, 242
	Achromatopsia 228, 228, 228
	Achromatomaly 214, 234, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 244, 242 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(190, 244, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 244, 242)  
}
```

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(190, 244, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 244, 242) }
```

Border

The CSS property to change the border of an element to RGB 190, 244, 242 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(190, 244, 242) }
```

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

```
.border{ border-color:rgb(190, 244, 242) }
```

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

Here you see how a box with a 4 pixel rgb(190, 244, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 244, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 244, 242);  
box-shadow:4px 4px 4px 4px rgb(190, 244,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 190, 244, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 244, 242) }
```

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

```
.background{ background-color: rgb(190,  
244, 242) }
```

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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