

Converting Colors

RGB(191, 242, 225)

Have a look what the booklet for
RGB(191, 242, 225) contains.

RGB(191, 242, 225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(191, 242, 225)

Conversions

Conversions Part 1

Format	Color
Hex	BFF2E1
RGB	191, 242, 225
RGB Percent	75%, 95%, 88%
CMY	0.2510, 0.0510, 0.1176
CMYK	0.21, 0.00, 0.07, 0.05
HSL	160°, 66%, 85%
HSV	160°, 21%, 95%
XYZ	66.8286, 80.0169, 83.1567
YIQ	224.8130, -24.9390, -16.0990

Conversions

Conversions Part 2

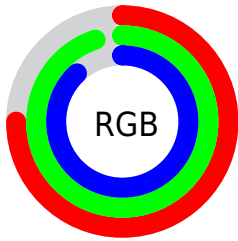
Format	Color
R_{YB}	191, 222, 242
Decimal	12579553
CIE _{Lab}	91.69, -19.58, 2.86
CIE _{LCh}	92, 19.791, 171.683
Yxy	80.0169, 0.2906, 0.3479
Android (android.graphics.Color)	4290769633 (0xFFBFF2E1)
YUV	224.8130, 0.0922, -29.6540
Hunter-Lab	89.4521, -23.1861, 7.4992

Details

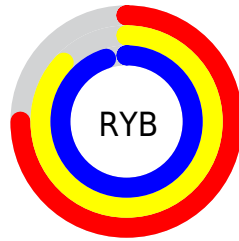
The RGB color **191, 242, 225** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 191, 208**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **248, 255, 255**, and **137, 186, 170** is the 20% darker color. If you saturate the color by 10%, you get **167, 242, 217**, and if you desaturate by 10%, it is **215, 242, 233**.

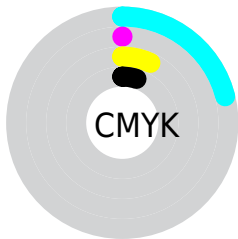
Distribution



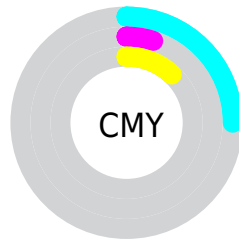
- Red (75%)
- Green (95%)
- Blue (88%)



- Red (75%)
- Yellow (87%)
- Blue (95%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (25%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 242, 225 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 191, 242, 225 by changing the saturation by 10% instead.

■ 191, 242, 225

255, 255, 255

■ 248, 255, 255

■ 191, 242, 225

■ 163, 214, 197

■ 137, 186, 170

■ 111, 159, 143

■ 85, 132, 118

■ 61, 107, 93

■ 36, 83, 70

■ 9, 59, 47

■ 0, 37, 27

■ 0, 12, 0

 191, 242, 225

 191, 242, 225

 167, 242, 217

 215, 242, 233

 143, 242, 209

 239, 242, 241

 118, 242, 201

 255, 242, 249

 94, 242, 193

 255, 242, 255

 70, 242, 185

 46, 242, 177

 22, 242, 169

 0, 242, 161

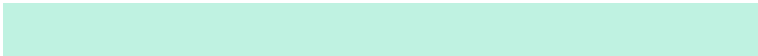
Harmonies

Analogous

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



210, 239, 207



191, 242, 225



182, 242, 244

Triad

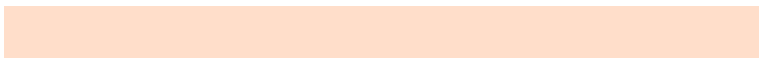
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



191, 242, 225



228, 228, 255



255, 222, 202

Complementary

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



191, 242, 225



242, 191, 208

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, 219, 218



191, 242, 225



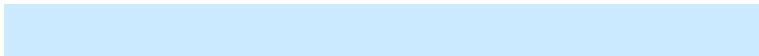
251, 222, 255

Square

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



191, 242, 225



204, 234, 255



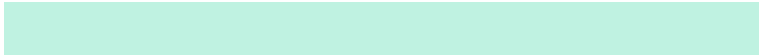
255, 218, 237



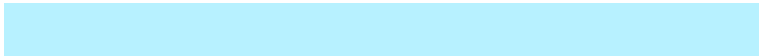
252, 228, 194

Rectangle

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



191, 242, 225



183, 241, 255



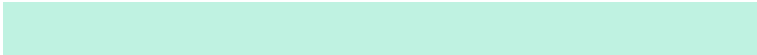
255, 218, 237



255, 221, 207

Sweetspot

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



191, 242, 225



240, 255, 250



208, 242, 191



119, 128, 125



0, 0, 0



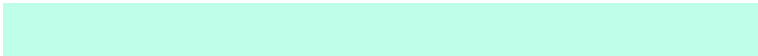
128, 128, 128

Same Dimension

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



191, 242, 225



191, 255, 234



191, 233, 242



108, 120, 116



0, 184, 122



0, 56, 37

Inverse Universe

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



242, 191, 208



255, 191, 213



242, 199, 191



120, 108, 112



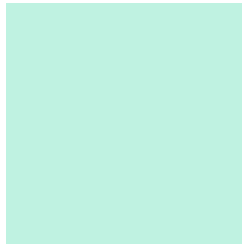
184, 0, 61



56, 0, 19

Previews

White Background



This preview shows how the RGB color 191, 242, 225 looks on a white background.

Color Contrast Check

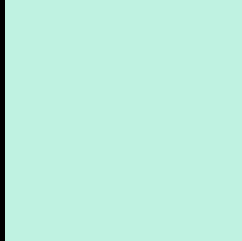
Large Text (above 18pt) WCAG AA × Fail

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 191, 242, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

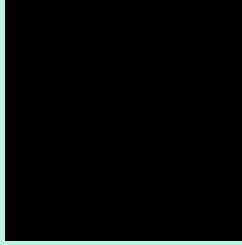
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

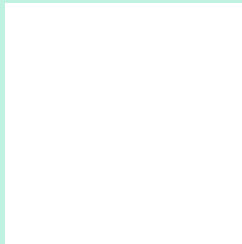
Any Text WCAG AAA ✓ Pass

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

RGB 191, 242, 225 Background



This preview shows how black text looks on a background with the RGB color 191, 242, 225.

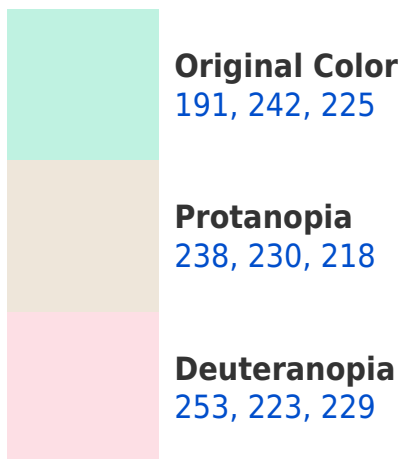


This preview shows how white text looks on a background with the RGB color 191, 242, 225.

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





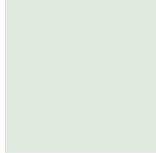
Tritanopia
199, 237, 255

Trichromacy



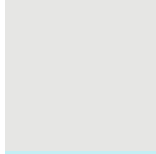
Original Color

191, 242, 225



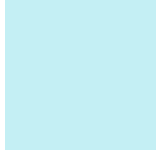
Protanomaly

221, 234, 221



Deuteranomaly

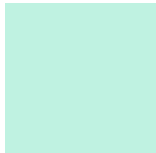
230, 230, 228



Tritanomaly

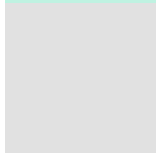
196, 239, 244

Monochromacy



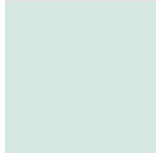
Original Color

191, 242, 225



Achromatopsia

225, 225, 225



Achromatomaly

213, 231, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 242, 225 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(191, 242, 225)` looks like.

```
.text, #text, p{  
    color:rgb(191, 242, 225)  
}
```

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(191, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 242, 225) }
```

Border

The CSS property to change the border of an element to RGB 191, 242, 225 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(191, 242, 225) }
```

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

```
.border{ border-color:rgb(191, 242, 225) }
```

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

Here you see how a box with a 4 pixel rgb(191, 242, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 242, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 242, 225);  
box-shadow:4px 4px 4px 4px rgb(191, 242,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 191, 242, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 242, 225) }
```

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

```
.background{ background-color: rgb(191,  
242, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor