

Converting Colors

`RYB(190, 227, 240)`

Have a look what the booklet for
RYB(190, 227, 240) contains.

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Color

R_YB(190, 227, 240)

Conversions

Conversions Part 1

Format	Color
Hex	BEF0D0
RGB	190, 240, 208
RGB Percent	75%, 94%, 82%
CMY	0.2549, 0.0588, 0.1860
CMYK	0.21, 0.00, 0.14, 0.06
HSL	141°, 62%, 84%
HSV	141°, 21%, 94%
XYZ	63.7273, 77.8001, 71.0541
YIQ	221.4020, -19.5280, -20.5520

Conversions

Conversions Part 2

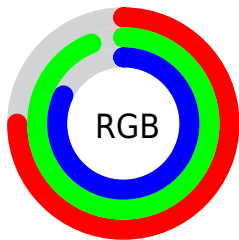
Format	Color
RYB	190, 227, 240
Decimal	12513488
CIELab	90.69, -22.24, 10.47
CIELCh	91, 24.584, 154.793
Yxy	77.8001, 0.2998, 0.3660
Android (android.graphics.Color)	4290703568 (0xFFBEF0D0)
YUV	221.4020, -6.6072, -27.5396
Hunter-Lab	88.2044, -25.3921, 13.9813

Details

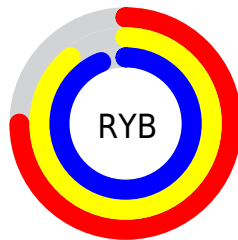
The RYB color **190, 227, 240** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **240, 190, 222**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **247, 251, 255**, and **136, 171, 184** is the 20% darker color. If you saturate the color by 10%, you get **166, 221, 240**, and if you desaturate by 10%, it is **214, 233, 240**.

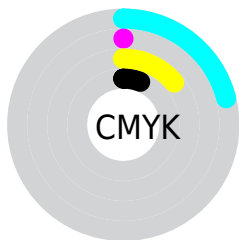
Distribution



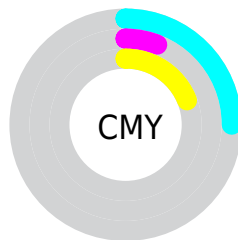
- Red (75%)
- Green (94%)
- Blue (82%)



- Red (75%)
- Yellow (89%)
- Blue (94%)



- Cyan (21%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)



- Cyan (25%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 190, 227, 240 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 RYB color 190, 227, 240 by changing the saturation by 10% instead.


 190, 227, 240


255, 255, 255


 247, 251, 255

 190, 227, 240

 163, 199, 212


 136, 171, 184

 110, 145, 157

 85, 119, 131

 60, 92, 105

 36, 68, 81

 11, 43, 58

 0, 27, 36

 0, 5, 5

 190, 227, 240

 190, 227, 240

 166, 221, 240

 214, 233, 240

 142, 215, 240


 238, 239, 240


 118, 208, 240

 255, 240, 254

 94, 202, 240

 255, 240, 255

 70, 196, 240

 46, 190, 240

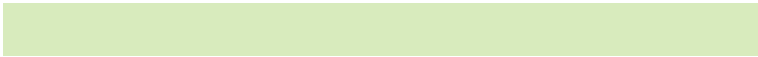
 22, 183, 240

 0, 178, 240

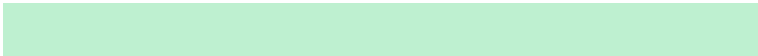
Harmonies

Analogous

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



189, 235, 208



190, 227, 240



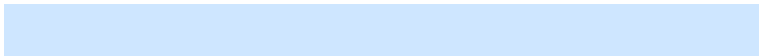
170, 209, 242

Triad

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



190, 227, 240



206, 222, 255



255, 217, 203

Complementary

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



190, 227, 240



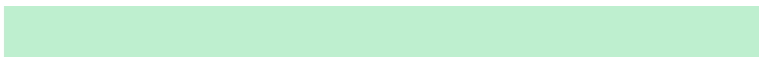
240, 190, 222

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, 212, 225



190, 227, 240



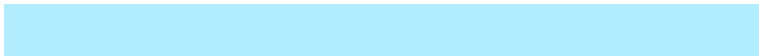
237, 221, 255

Square

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



190, 227, 240



178, 211, 255



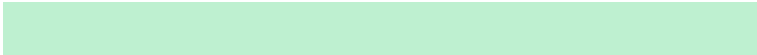
255, 214, 249



255, 253, 186

Rectangle

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



190, 227, 240



164, 204, 247



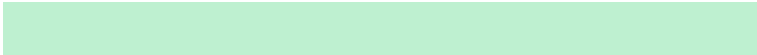
255, 214, 249



255, 213, 210

Sweetspot

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



190, 227, 240



240, 251, 255



190, 240, 208



119, 126, 128



0, 0, 0



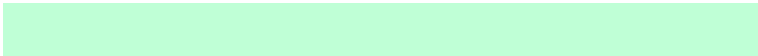
128, 128, 128

Same Dimension

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



190, 227, 240



191, 238, 255



190, 217, 240



108, 117, 120



0, 136, 184



0, 41, 56

Inverse Universe

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



240, 190, 222



255, 191, 233



240, 190, 197



120, 108, 116



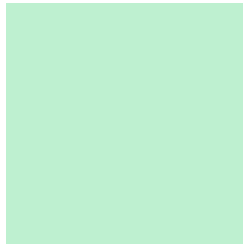
184, 0, 119



56, 0, 36

Previews

White Background



This preview shows how the RYB color 190, 227, 240 looks on a white background.

Color Contrast Check

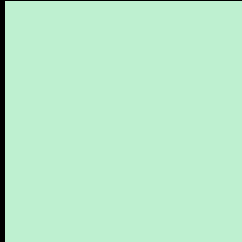
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 190, 227, 240 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

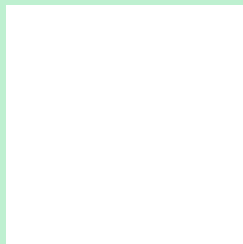
Any Text WCAG AAA ✓ Pass

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

RYB 190, 227, 240 Background



This preview shows how black text looks on a background with the RYB color 190, 227, 240.

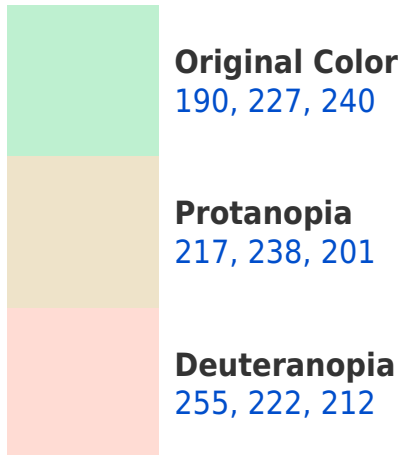


This preview shows how white text looks on a background with the RYB color 190, 227, 240.

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





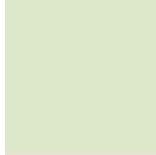
Tritanopia
198, 220, 252

Trichromacy



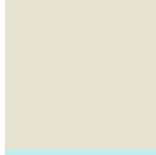
Original Color

190, 227, 240



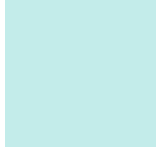
Protanomaly

203, 232, 214



Deuteranomaly

215, 231, 210



Tritanomaly

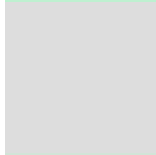
195, 216, 236

Monochromacy



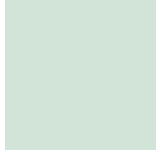
Original Color

190, 227, 240



Achromatopsia

221, 221, 221



Achromatomaly

210, 224, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 227, 240 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, 240, 208)` looks like.

```
.text, #text, p{  
    color:rgb(190, 240, 208)  
}
```

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, 240, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 240, 208) }
```

Border

The CSS property to change the border of an element to RYB 190, 227, 240 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, 240, 208) }
```

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

```
.border{ border-color:rgb(190, 240, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 240, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 240, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 240, 208);  
box-shadow:4px 4px 4px 4px rgb(190, 240,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 190, 227, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 240, 208) }
```

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

```
.background{ background-color: rgb(190,  
240, 208) }
```

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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