

Converting Colors

CIELCh(87, 11.561, 192.815)

Have a look what the booklet for
CIELCh(87, 11.561, 192.815)
contains.

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Color

CIELCh(87, 11.908, 191.020)

Conversions

Conversions Part 1

Format	Color
Hex	BFE1DE
RGB	191, 225, 222
RGB Percent	75%, 88%, 87%
CMY	0.2520, 0.1187, 0.1305
CMYK	0.15, 0.00, 0.01, 0.12
HSL	175°, 36%, 81%
HSV	175°, 15%, 88%
XYZ	61.4207, 70.0064, 79.1939
YIQ	214.4920, -19.3010, -8.1410

Conversions

Conversions Part 2

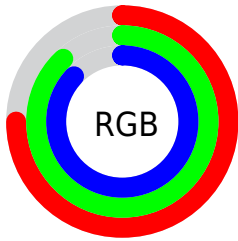
Format	Color
R_{YB}	191, 209, 225
Decimal	12575198
CIE _{Lab}	87.00, -11.69, -2.28
CIE _{LCh}	87, 11.908, 191.020
Yxy	70.0064, 0.2916, 0.3324
Android (android.graphics.Color)	4290765278 (0xFFBFE1DE)
YUV	214.4920, 3.7014, -20.6025
Hunter-Lab	83.6698, -15.3881, 2.4506

Details

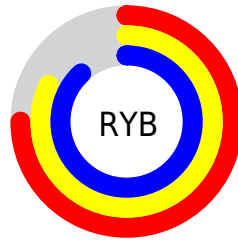
The CIELCh color **87, 11.908, 191.020** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 12.919, 13.371**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.426, 199.524**, and **67, 12.072, 190.484** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.266, 190.236**, and if you desaturate by 10%, it is **89, 4.119, 191.859**.

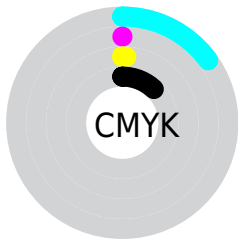
Distribution



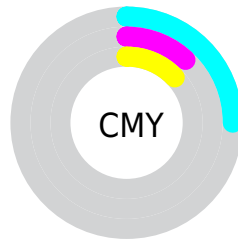
- Red (75%)
- Green (88%)
- Blue (87%)



- Red (75%)
- Yellow (82%)
- Blue (88%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)





- Cyan (25%)
- Magenta (12%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 11.908, 191.020 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 CIELCh color 87, 11.908, 191.020 by changing the saturation by 10% instead.


 87, 11.908,
191.020


 87, 11.908,
191.020


 100, 11.908,
191.020


 77, 11.908,
191.020

 67, 11.908,
191.020

 57, 11.908,
191.020

 47, 11.908,
191.020

 37, 11.908,
191.020

 27, 11.908,
191.020

 17, 11.908,

191.020

■ 7, 11.908, 191.020

■ 0, 11.908, 191.020

■ 87, 11.908,
191.020

■ 87, 11.908,
191.020

■ 86, 19.266,
190.236

■ 89, 4.119, 191.859

■ 84, 26.056,
189.461

■ 90, 3.982, 12.317

■ 83, 32.145,
188.677

■ 92, 11.124, 12.316

■ 83, 37.406,
187.873

■ 92, 11.278, 7.166

■ 82, 41.741,

■ 92, 11.523, 2.197

■ 92, 11.853,
357.474

187.036

92, 12.261,
353.040

81, 45.093,
186.149

92, 12.740,
348.922

81, 47.467,
185.197

92, 13.282,
345.127

81, 48.940,
184.162

81, 49.451,
183.639

Harmonies

Complementary

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



87, 11.908, 191.020



80, 12.919, 13.371

Rectangle

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



87, 11.908, 191.020



87, 11.908, 241.020



87, 11.908, 11.020



87, 11.908, 61.020

Sweetspot

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



87, 11.909, 191.013



99, 4.451, 191.868



86, 21.088, 140.906



53, 3.033, 191.797



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 11.909, 191.013



97, 15.586, 190.778



84, 9.901, 245.731



46, 4.520, 191.470



65, 41.123, 183.826



17, 16.637, 185.732

Inverse Universe

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



80, 12.919, 13.371



88, 17.201, 13.690



83, 10.550, 62.314



44, 4.752, 12.804



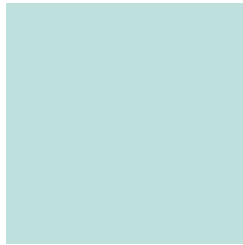
36, 75.451, 36.268



6, 25.363, 17.219

Previews

White Background



This preview shows how the CIELCh color 87, 11.908, 191.020 looks on a white background.

Color Contrast Check

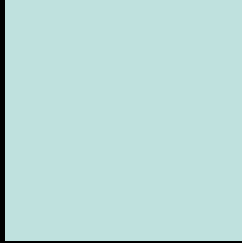
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 87, 11.908, 191.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

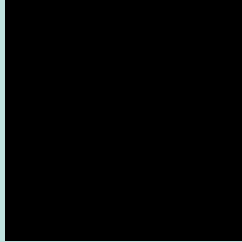
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

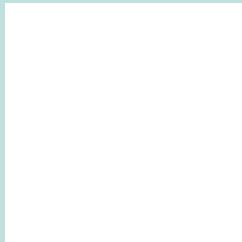
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 11.908, 191.020

Background



This preview shows how black text looks on a background with the CIELCh color 87, 11.908, 191.020.

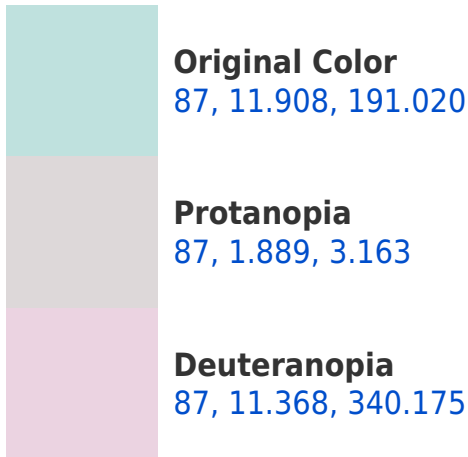


This preview shows how white text looks on a background with the CIELCh color 87, 11.908, 191.020.

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
87, 13.092, 245.203

Trichromacy



Original Color
87, 11.908, 191.020

Protanomaly
87, 3.201, 199.362

Deuteranomaly
87, 4.346, 304.750

Tritanomaly
87, 11.315, 226.492

Monochromacy



Original Color
87, 11.908, 191.020

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 4.307, 192.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 11.908, 191.020 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, 225, 222)` looks like.

```
.text, #text, p{  
    color:rgb(191, 225, 222)  
}
```

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, 225, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 225, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 11.908, 191.020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

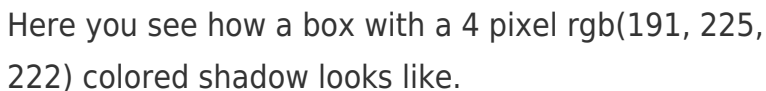
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 225, 222) }
```

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

```
.border{ border-color:rgb(191, 225, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 225, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 225, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 225, 222); box-shadow:4px 4px 4px 4px rgb(191, 225, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 11.908, 191.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 225, 222) }
```

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

```
.background{ background-color: rgb(191,  
225, 222) }
```

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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