

Converting Colors

CIELCh(92, 15.952, 198.396)

Have a look what the booklet for
CIELCh(92, 15.952, 198.396)
contains.

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Color

CIElCh(92, 16.058, 198.393)

Conversions

Conversions Part 1

Format	Color
Hex	C1F1F1
RGB	193, 241, 241
RGB Percent	76%, 95%, 95%
CMY	0.2426, 0.0544, 0.0544
CMYK	0.20, 0.00, 0.00, 0.05
HSL	180°, 63%, 85%
HSV	180°, 20%, 95%
XYZ	69.4185, 80.7044, 95.2437
YIQ	226.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

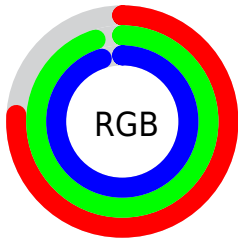
Format	Color
R_{YB}	193, 217, 241
Decimal	12710385
CIE _{Lab}	92.00, -15.24, -5.07
CIE _{LCh}	92, 16.058, 198.393
Y _{xy}	80.7044, 0.2829, 0.3289
Android (android.graphics.Color)	4290900465 (0xFFC1F1F1)
Y _{UV}	226.6480, 7.0755, -29.5093
Hunter-Lab	89.8356, -19.2805, 0.0257

Details

The CIELCh color **92, 16.058, 198.393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 18.320, 20.831**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **72, 16.239, 198.145** is the 20% darker color. If you saturate the color by 10%, you get **91, 23.275, 197.913**, and if you desaturate by 10%, it is **94, 8.229, 198.934**.

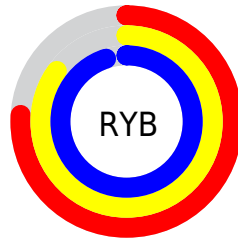
Distribution



Red (76%)

Green (95%)

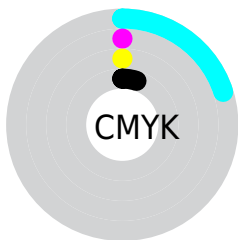
Blue (95%)



Red (76%)

Yellow (85%)

Blue (95%)

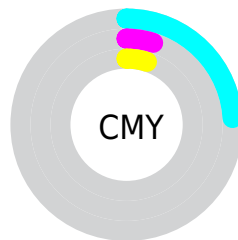


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (24%)


Magenta (5%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 16.058, 198.393 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 92, 16.058, 198.393 by changing the saturation by 10% instead.


 92, 16.058,
198.393


 92, 16.058,
198.393


 100, 16.058,
198.393


 82, 16.058,
198.393


 72, 16.058,
198.393

 62, 16.058,
198.393

 52, 16.058,
198.393

 42, 16.058,
198.393

 32, 16.058,
198.393

 22, 16.058,

198.393

■ 12, 16.058,
198.393

■ 2, 16.058, 198.393

■ 92, 16.058,
198.393

■ 92, 16.058,
198.393

■ 91, 23.275,
197.913

■ 94, 8.229, 198.934

■ 95, 0.080, 11.465

■ 90, 29.737,
197.501

■ 96, 4.942, 19.596

■ 89, 35.316,
197.152

■ 96, 4.942, 19.586

■ 88, 39.906,
196.869

■ 96, 4.942, 19.575

■ 96, 4.942, 19.565

■ 87, 43.440,
196.653

■ 96, 4.942, 19.554

■ 87, 45.910,
196.504

■ 96, 4.942, 19.544

■ 87, 47.375,
196.416

■ 96, 4.942, 19.533

■ 87, 48.037,
196.375

■ 87, 48.041,
196.375

Harmonies

Complementary

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



92, 16.058, 198.393



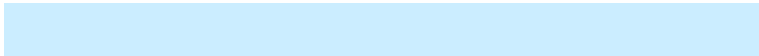
82, 18.320, 20.831

Rectangle

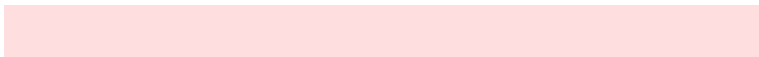
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



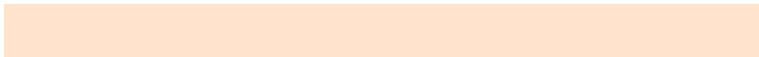
92, 16.058, 198.393



92, 16.058, 248.393



92, 16.058, 18.393



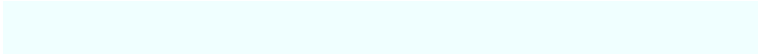
92, 16.058, 68.393

Sweetspot

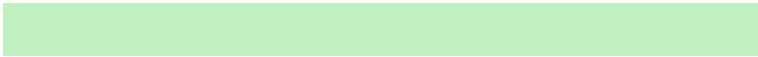
The Sweet Spot groups the original color and five complimentary colors.



92, 16.059, 198.387



99, 5.264, 199.191



91, 30.239, 142.747



53, 3.486, 199.144



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 16.059, 198.387



96, 19.973, 198.182



86, 14.511, 256.447



49, 4.701, 198.960



68, 39.159, 196.375



21, 17.094, 196.377

Inverse Universe

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



82, 18.320, 20.831



84, 23.487, 21.251



88, 15.384, 71.149



47, 4.993, 19.933



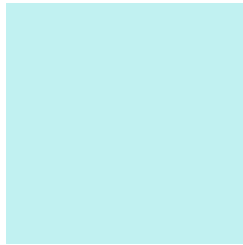
38, 81.699, 39.992



8, 29.836, 23.803

Previews

White Background



This preview shows how the CIE LCh color 92, 16.058, 198.393 looks on a white background.

Color Contrast Check

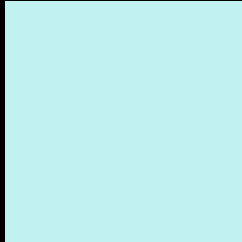
Large Text (above 18pt) WCAG AA × Fail

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 92, 16.058, 198.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

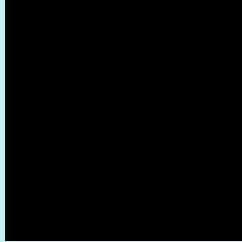
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 16.058, 198.393

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.058, 198.393.



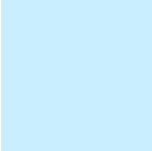
This preview shows how white text looks on a background with the CIELCh color 92, 16.058, 198.393.

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



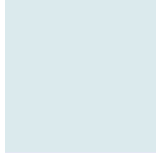


Tritanopia
92, 14.786, 235.454

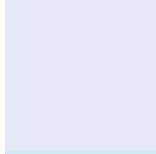
Trichromacy



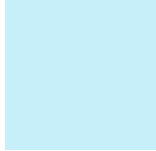
Original Color
92, 16.058, 198.393



Protanomaly
92, 5.411, 215.888

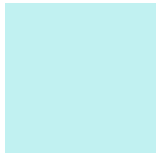


Deuteranomaly
92, 6.795, 281.934

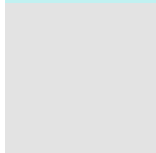


Tritanomaly
92, 14.547, 221.775

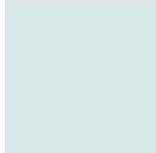
Monochromacy



Original Color
92, 16.058, 198.393



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 5.936, 199.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 16.058, 198.393 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(193, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(193, 241, 241)  
}
```

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(193, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 241, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 16.058, 198.393 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(193, 241, 241) }
```

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

```
.border{ border-color:rgb(193, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(193, 241,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 16.058, 198.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 241, 241) }
```

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

```
.background{ background-color: rgb(193,  
241, 241) }
```

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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