

Converting Colors

CIELCh(92, 12.154, 195.753)

Have a look what the booklet for
CIELCh(92, 12.154, 195.753)
contains.

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Color

CIELCh(92, 11.965, 196.176)

Conversions

Conversions Part 1

Format	Color
Hex	CCEFEE
RGB	204, 239, 238
RGB Percent	80%, 94%, 93%
CMY	0.2002, 0.0629, 0.0669
CMYK	0.15, 0.00, 0.00, 0.06
HSL	178°, 52%, 87%
HSV	178°, 15%, 94%
XYZ	71.1656, 80.7044, 92.6775
YIQ	228.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

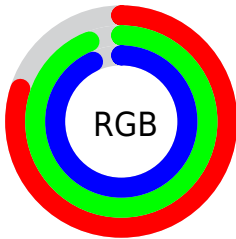
Format	Color
RYB	204, 222, 239
Decimal	13430766
CIELab	92.00, -11.49, -3.33
CIELCh	92, 11.965, 196.176
Yxy	80.7044, 0.2910, 0.3300
Android (android.graphics.Color)	4291620846 (0xFFCCEFE)
YUV	228.4210, 4.7224, -21.4172
Hunter-Lab	89.8356, -15.8089, 1.7194

Details

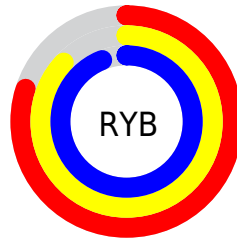
The CIELCh color **92, 11.965, 196.176** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 13.090, 18.078**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 12.097, 195.876** is the 20% darker color. If you saturate the color by 10%, you get **91, 19.533, 195.561**, and if you desaturate by 10%, it is **94, 3.889, 196.889**.

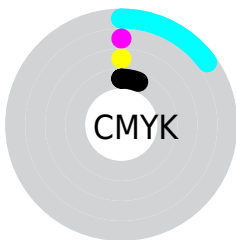
Distribution



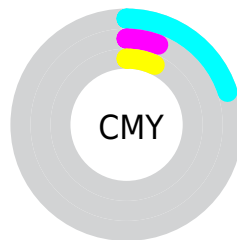
- Red (80%)
- Green (94%)
- Blue (93%)



- Red (80%)
- Yellow (87%)
- Blue (94%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)





- Cyan (20%)
- Magenta (6%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 11.965, 196.176 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, 11.965, 196.176 by changing the saturation by 10% instead.


 92, 11.965,
196.176


 92, 11.965,
196.176


 100, 11.965,
196.176


 82, 11.965,
196.176

 72, 11.965,
196.176

 62, 11.965,
196.176

 52, 11.965,
196.176

 42, 11.965,
196.176

 32, 11.965,
196.176

 22, 11.965,

196.176

■ 12, 11.965,
196.176

■ 2, 11.965, 196.176

■ 92, 11.965,
196.176

■ 92, 11.965,
196.176

■ 91, 19.533,
195.561

■ 94, 3.889, 196.889

■ 89, 26.451,
194.996

■ 95, 4.568, 17.225

■ 96, 5.761, 14.339

■ 88, 32.582,
194.467

■ 96, 5.801, 10.899

■ 87, 37.801,
193.973

■ 96, 5.862, 7.519

■ 96, 5.944, 4.220

■ 87, 42.013,
193.510

■ 96, 6.044, 1.021

■ 86, 45.170,
193.073

■ 96, 6.164, 357.938

■ 86, 47.286,
192.652

■ 96, 6.301, 354.981

■ 86, 48.452,
192.237

■ 86, 48.809,
192.014

Harmonies

Complementary

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



92, 11.965, 196.176



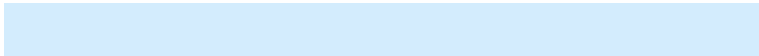
85, 13.090, 18.078

Rectangle

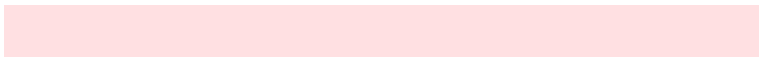
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



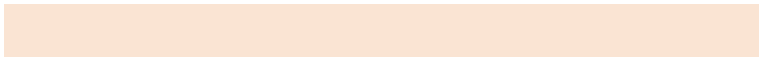
92, 11.965, 196.176



92, 11.965, 246.176



92, 11.965, 16.176



92, 11.965, 66.176

Sweetspot

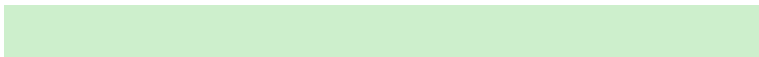
The Sweet Spot groups the original color and five complimentary colors.



92, 11.966, 196.168



99, 3.532, 196.954



91, 21.927, 142.697



53, 2.507, 196.878



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, 11.966, 196.168



97, 15.351, 195.955



88, 10.503, 253.710



49, 4.715, 196.509



68, 40.043, 192.084



20, 17.422, 192.670

Inverse Universe

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



85, 13.090, 18.078



88, 17.175, 18.402



89, 10.991, 69.955



47, 4.992, 17.619



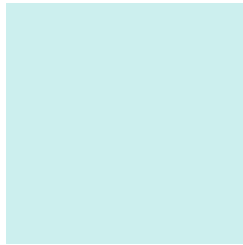
38, 80.424, 38.833



8, 29.683, 22.658

Previews

White Background



This preview shows how the CIE LCh color 92, 11.965, 196.176 looks on a white background.

Color Contrast Check

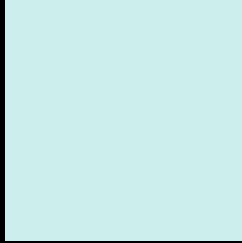
Large Text (above 18pt) WCAG AA × Fail

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, 11.965, 196.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

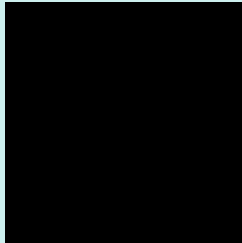
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

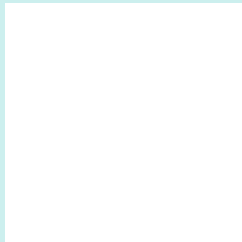
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.965, 196.176

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.965, 196.176.

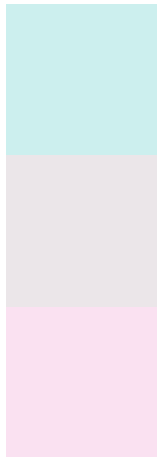


This preview shows how white text looks on a background with the CIELCh color 92, 11.965, 196.176.

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

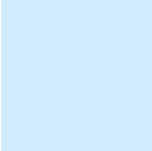
92, 11.965, 196.176

Protanopia

92, 2.381, 338.615

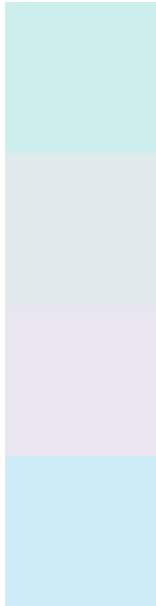
Deuteranopia

92, 12.178, 337.517



Tritanopia
92, 13.541, 245.737

Trichromacy



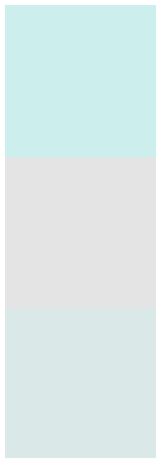
Original Color
92, 11.965, 196.176

Protanomaly
92, 3.305, 217.655

Deuteranomaly
92, 5.304, 302.032

Tritanomaly
92, 11.944, 230.303

Monochromacy



Original Color
92, 11.965, 196.176

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.558, 199.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 11.965, 196.176 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(204, 239, 238)` looks like.

```
.text, #text, p{  
    color:rgb(204, 239, 238)  
}
```

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(204, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 239, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.965, 196.176 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(204, 239, 238) }
```

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

```
.border{ border-color:rgb(204, 239, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 239, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(204, 239,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.965, 196.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 239, 238) }
```

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

```
.background{ background-color: rgb(204,  
239, 238) }
```

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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