

Converting Colors

CIELCh(92, 16.604, 175.418)

Have a look what the booklet for
CIELCh(92, 16.604, 175.418)
contains.

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Color

CIELCh(92, 16.486, 176.172)

Conversions

Conversions Part 1

Format	Color
Hex	C5F1E5
RGB	197, 241, 229
RGB Percent	77%, 95%, 90%
CMY	0.2261, 0.0535, 0.1006
CMYK	0.18, 0.00, 0.05, 0.05
HSL	164°, 62%, 86%
HSV	164°, 18%, 95%
XYZ	68.8596, 80.7044, 86.3244
YIQ	226.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

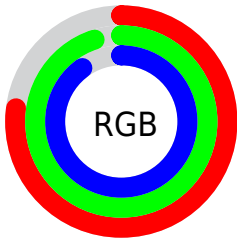
Format	Color
RYB	197, 222, 241
Decimal	12972517
CIELab	92.00, -16.45, 1.10
CIElCh	92, 16.486, 176.172
Yxy	80.7044, 0.2919, 0.3421
Android (android.graphics.Color)	4291162597 (0xFFC5F1E5)
YUV	226.4760, 1.2443, -25.8505
Hunter-Lab	89.8356, -20.3909, 5.9123

Details

The CIELCh color **92, 16.486, 176.172** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 17.477, 359.712**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.347, 201.292**, and **72, 16.330, 176.533** is the 20% darker color. If you saturate the color by 10%, you get **90, 25.127, 175.107**, and if you desaturate by 10%, it is **94, 7.525, 177.185**.

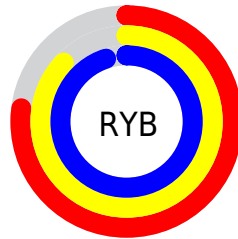
Distribution



Red (77%)

Green (95%)

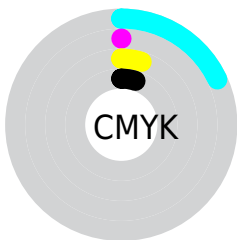
Blue (90%)



Red (77%)

Yellow (87%)

Blue (95%)

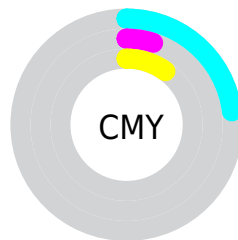


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (23%)


Magenta (5%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 16.486, 176.172 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, 16.486, 176.172 by changing the saturation by 10% instead.


 92, 16.486,
176.172


 92, 16.486,
176.172


 100, 16.486,
176.172


 82, 16.486,
176.172


 72, 16.486,
176.172

 62, 16.486,
176.172

 52, 16.486,
176.172

 42, 16.486,
176.172

 32, 16.486,
176.172

 22, 16.486,

176.172

■ 12, 16.486,
176.172

■ 2, 16.486, 176.172

■ 92, 16.486,
176.172

■ 92, 16.486,
176.172

■ 90, 25.127,
175.107

■ 94, 7.525, 177.185

■ 89, 33.294,
173.963

■ 96, 1.628, 357.683

■ 97, 6.267, 340.537

■ 88, 40.832,
172.713

■ 97, 8.508, 324.701

■ 87, 47.592,
171.332

■ 86, 53.451,
169.796

■ 86, 58.339,
168.078

■ 85, 62.260,
166.165

■ 85, 65.337,
164.070

■ 85, 65.844,
163.701

Harmonies

Complementary

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



92, 16.486, 176.172



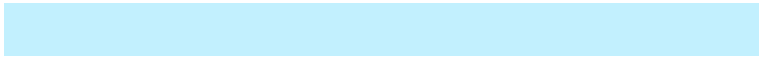
84, 17.477, 359.712

Rectangle

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



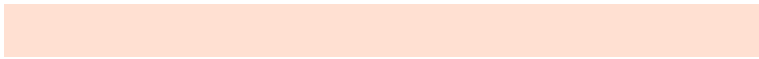
92, 16.486, 176.172



92, 16.486, 226.172



92, 16.486, 356.172



92, 16.486, 46.172

Sweetspot

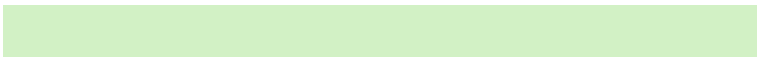
The Sweet Spot groups the original color and five complimentary colors.



92, 16.488, 176.168



99, 4.786, 177.534



92, 25.473, 135.428



53, 3.264, 177.454



0, 0.000, 0.000



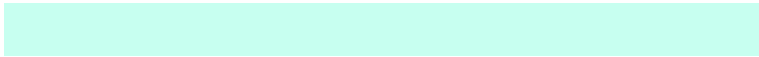
53, 0.007, 296.813

Same Dimension

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



92, 16.488, 176.168



96, 20.685, 175.770



90, 12.467, 222.277



49, 5.157, 177.058



66, 53.315, 164.098



20, 22.173, 167.464

Inverse Universe

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



84, 17.477, 359.712



85, 22.213, 0.181



86, 14.034, 40.966



47, 5.315, 358.720



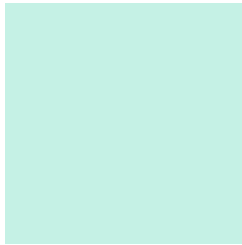
39, 69.461, 23.495



8, 28.823, 11.882

Previews

White Background



This preview shows how the CIE LCh color 92, 16.486, 176.172 looks on a white background.

Color Contrast Check

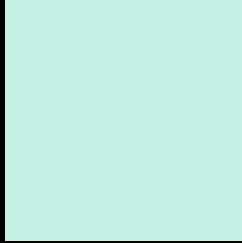
Large Text (above 18pt) WCAG AA × Fail

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, 16.486, 176.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

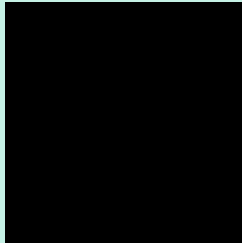
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

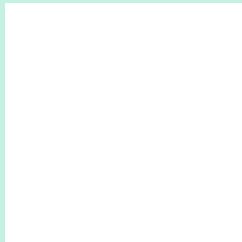
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 16.486, 176.172

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.486, 176.172.

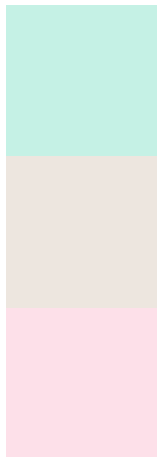


This preview shows how white text looks on a background with the CIELCh color 92, 16.486, 176.172.

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, 16.486, 176.172

Protanopia

92, 4.391, 74.605

Deuteranopia

92, 11.454, 356.312

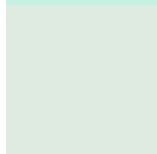


Tritanopia
92, 14.112, 240.360

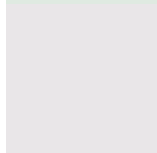
Trichromacy



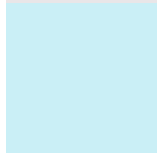
Original Color
92, 16.486, 176.172



Protanomaly
92, 6.116, 149.664



Deuteranomaly
92, 1.503, 335.496



Tritanomaly
92, 12.821, 215.154

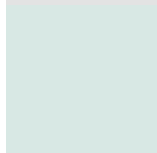
Monochromacy



Original Color
92, 16.486, 176.172



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 6.035, 178.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 16.486, 176.172 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(197, 241, 229)` looks like.

```
.text, #text, p{  
    color:rgb(197, 241, 229)  
}
```

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(197, 241, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 241, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 16.486, 176.172 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(197, 241, 229) }
```

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

```
.border{ border-color:rgb(197, 241, 229) }
```

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

Here you see how a box with a 4 pixel rgb(197, 241, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 241, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 241, 229);  
box-shadow:4px 4px 4px 4px rgb(197, 241,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 16.486, 176.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 241, 229) }
```

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

```
.background{ background-color: rgb(197,  
241, 229) }
```

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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