

Converting Colors

CIELCh(72, 28.028, 198.417)

Have a look what the booklet for
CIELCh(72, 28.028, 198.417)
contains.

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Color

CIELCh(72, 28.021, 198.411)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65BFC0 |
| RGB | 101, 191, 192 |
| RGB Percent | 40%, 75%, 75% |
| CMY | 0.6052, 0.2522, 0.2483 |
| CMYK | 0.47, 0.01, 0.00, 0.25 |
| HSL | 181°, 42%, 57% |
| HSV | 181°, 47%, 75% |
| XYZ | 33.3681, 43.6590, 56.3503 |
| YIQ | 164.2040, -53.9610, -18.7690 |

Conversions

Conversions Part 2

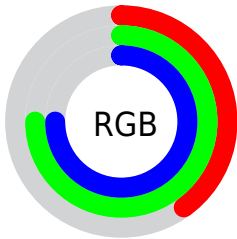
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 101, 146, 192 |
| Decimal | 6668224 |
| CIELab | 72.00, -26.59, -8.85 |
| CIElCh | 72, 28.021, 198.411 |
| Yxy | 43.6590, 0.2502, 0.3273 |
| Android (android.graphics.Color) | 4284858304 (0xFF65BFC0) |
| YUV | 164.2040, 13.7034, -55.4299 |
| Hunter-Lab | 66.0750, -25.4880, -4.3114 |

Details

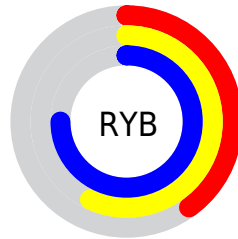
The CIELCh color **72, 28.021, 198.411** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 39.559, 25.266**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 28.120, 197.648**, and **52, 27.902, 199.157** is the 20% darker color. If you saturate the color by 10%, you get **71, 32.039, 198.182**, and if you desaturate by 10%, it is **73, 23.222, 198.711**.

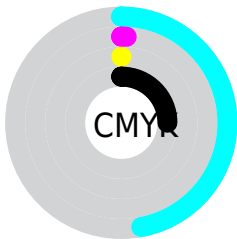
Distribution



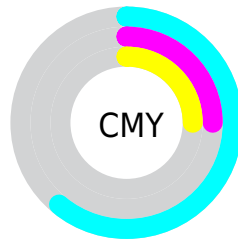
- Red (40%)
- Green (75%)
- Blue (75%)



- Red (40%)
- Yellow (57%)
- Blue (75%)



- Cyan (47%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)





- Cyan (61%)
- Magenta (25%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 28.021, 198.411 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 72, 28.021, 198.411 by changing the saturation by 10% instead.


 72, 28.021,
198.411


 72, 28.021,
198.411


 100, 28.021,
198.411


 62, 28.021,
198.411


 92, 28.021,
198.411

 52, 28.021,
198.411

 42, 28.021,
198.411

 32, 28.021,
198.411

 22, 28.021,
198.411

 12, 28.021,
198.411

 2, 28.021, 198.411

0, 28.021, 198.411

72, 28.021,
198.411

72, 28.021,
198.411

71, 32.039,
198.182

73, 23.222,
198.711

71, 35.209,
198.035

74, 17.735,
199.084

70, 37.506,
197.970

75, 11.667,
199.523

70, 38.955,
197.988

76, 5.131, 200.055

70, 39.669,
198.079

78, 1.768, 20.161

70, 39.802,
198.106

80, 8.932, 20.950

81, 16.279, 21.546

■ 83, 23.739, 22.141

■ 83, 24.054, 22.412

Harmonies

Complementary

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



72, 28.021, 198.411



54, 39.559, 25.266

Rectangle

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



72, 28.021, 198.411



72, 28.021, 248.411



72, 28.021, 18.411



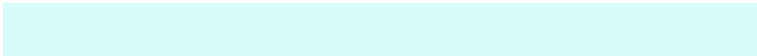
72, 28.021, 68.411

Sweetspot

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



72, 28.021, 198.409



96, 11.701, 199.682



70, 59.175, 140.660



51, 8.026, 199.575



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 28.021, 198.409



91, 39.300, 198.174



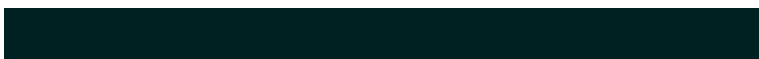
59, 28.561, 264.137



40, 3.905, 199.941



59, 34.929, 198.084



10, 12.289, 197.695

Inverse Universe

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



56, 58.496, 327.230



68, 84.793, 327.681



64, 32.744, 69.516



38, 7.172, 325.225



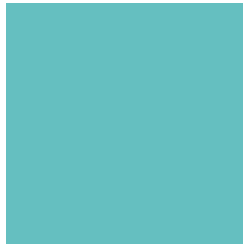
38, 81.113, 328.668



4, 23.972, 326.714

Previews

White Background



This preview shows how the CIELCh color 72, 28.021, 198.411 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 72, 28.021, 198.411 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

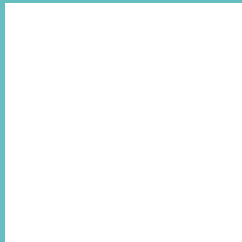
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 28.021, 198.411

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.021, 198.411.

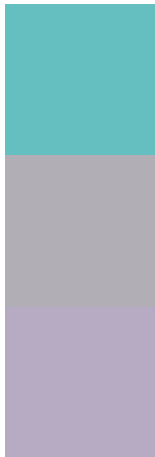


This preview shows how white text looks on a background with the CIELCh color 72, 28.021, 198.411.

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
72, 28.021, 198.411

Protanopia
72, 4.522, 304.794

Deuteranopia
72, 14.376, 308.948



Tritanopia
72, 26.466, 215.747

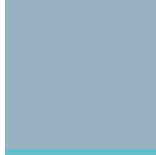
Trichromacy



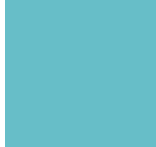
Original Color
72, 28.021, 198.411



Protanomaly
71, 11.280, 215.566



Deuteranomaly
71, 12.103, 245.315

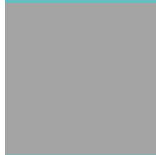


Tritanomaly
72, 26.950, 209.236

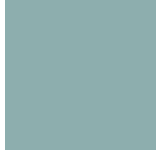
Monochromacy



Original Color
72, 28.021, 198.411



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 11.784, 198.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.021, 198.411 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(101, 191, 192)` looks like.

```
.text, #text, p{  
    color:rgb(101, 191, 192)  
}
```

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(101, 191, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 191, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.021, 198.411 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(101, 191, 192) }
```

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

```
.border{ border-color:rgb(101, 191, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 191, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 191, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 191, 192); box-shadow:4px 4px 4px 4px rgb(101, 191, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.021, 198.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 191, 192) }
```

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

```
.background{ background-color: rgb(101,  
191, 192) }
```

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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