

Converting Colors

CIELCh(72, 30.197, 214.632)

Have a look what the booklet for
CIELCh(72, 30.197, 214.632)
contains.

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Color

CIELCh(72, 30.243, 214.252)

Conversions

Conversions Part 1

Format	Color
Hex	59BFCF
RGB	89, 191, 207
RGB Percent	35%, 75%, 81%
CMY	0.6528, 0.2526, 0.1899
CMYK	0.57, 0.08, 0.00, 0.19
HSL	188°, 55%, 58%
HSV	188°, 57%, 81%
XYZ	33.8211, 43.6590, 65.3988
YIQ	162.3260, -65.9280, -16.6480

Conversions

Conversions Part 2

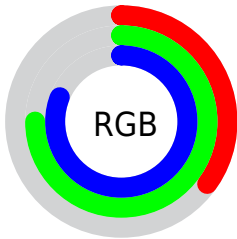
Format	Color
R_{YB}	89, 144, 207
Decimal	5881807
CIE _{Lab}	72.00, -25.00, -17.02
CIE _{LCh}	72, 30.243, 214.252
Yxy	43.6590, 0.2367, 0.3056
Android (android.graphics.Color)	4284071887 (0xFF59BFCE)
YUV	162.3260, 22.0243, -64.3069
Hunter-Lab	66.0750, -24.2644, -12.4308

Details

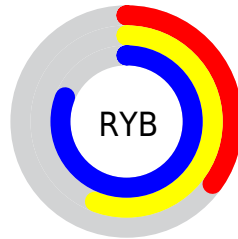
The CIELCh color **72, 30.243, 214.252** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **56, 47.675, 35.354**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 30.283, 204.498**, and **52, 30.196, 214.963** is the 20% darker color. If you saturate the color by 10%, you get **71, 33.230, 215.359**, and if you desaturate by 10%, it is **74, 26.428, 213.447**.

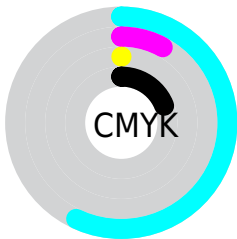
Distribution



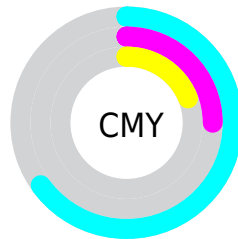
- Red (35%)
- Green (75%)
- Blue (81%)



- Red (35%)
- Yellow (56%)
- Blue (81%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)





- Cyan (65%)
- Magenta (25%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 30.243, 214.252 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, 30.243, 214.252 by changing the saturation by 10% instead.


 72, 30.243,
214.252


 72, 30.243,
214.252


 100, 30.243,
214.252


 62, 30.243,
214.252


 92, 30.243,
214.252

 52, 30.243,
214.252

 42, 30.243,
214.252

 32, 30.243,
214.252

 22, 30.243,
214.252

 12, 30.243,
214.252

 2, 30.243, 214.252

0, 30.243, 214.252

72, 30.243,
214.252

72, 30.243,
214.252

71, 33.230,
215.359

74, 26.428,
213.447

69, 35.357,
216.830

75, 21.862,
212.895

68, 36.646,
218.720

77, 16.642,
212.550

67, 37.208,
221.060

79, 10.872,
212.378

67, 37.316,
221.767

81, 4.658, 212.386

84, 1.903, 32.005

86, 8.729, 32.354

■ 88, 15.746, 32.558

■ 89, 15.571, 38.093

Harmonies

Complementary

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



72, 30.243, 214.252



56, 47.675, 35.354

Rectangle

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



72, 30.243, 214.252



72, 30.243, 264.252



72, 30.243, 34.252



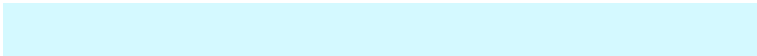
72, 30.243, 84.252

Sweetspot

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



72, 30.242, 214.250



96, 12.788, 212.378



75, 68.004, 143.084



50, 8.499, 212.401



0, 0.000, 0.000



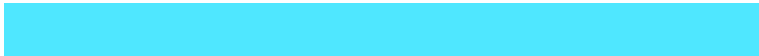
53, 0.007, 296.813

Same Dimension

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



72, 30.242, 214.250



85, 39.721, 215.718



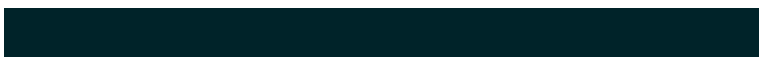
55, 43.760, 279.683



43, 3.715, 212.361



55, 32.063, 221.353



12, 12.428, 215.913

Inverse Universe

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



56, 67.121, 331.848



64, 91.251, 332.619



70, 44.993, 80.627



41, 7.008, 328.904



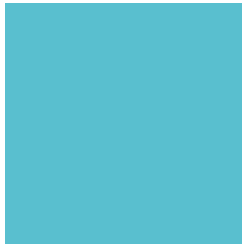
39, 76.194, 334.430



5, 28.033, 332.772

Previews

White Background



This preview shows how the CIELCh color 72, 30.243, 214.252 looks on a white background.

Color Contrast Check

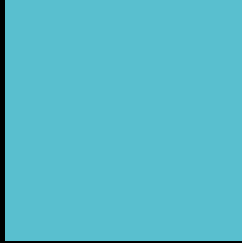
Large Text (above 18pt) WCAG AA × Fail

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, 30.243, 214.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

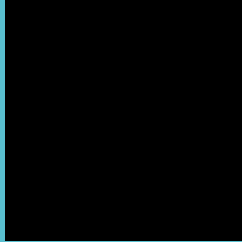
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 30.243, 214.252

Background



This preview shows how black text looks on a background with the CIELCh color 72, 30.243, 214.252.

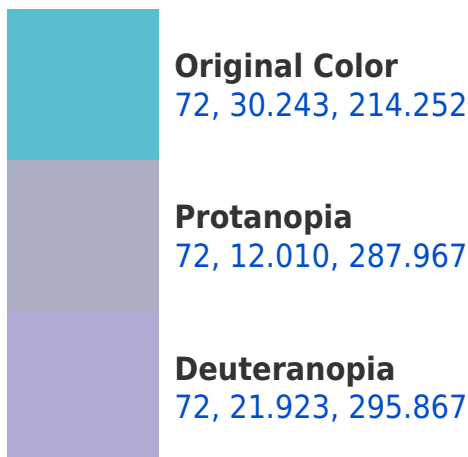


This preview shows how white text looks on a background with the CIELCh color 72, 30.243, 214.252.

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](#).

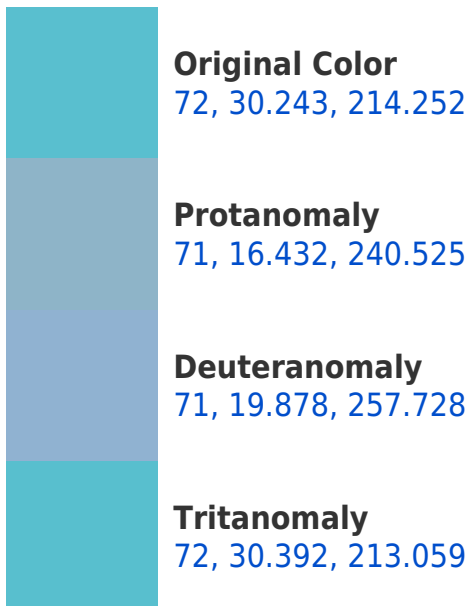
Dichromacy





Tritanopia
72, 30.392, 213.059

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 30.243, 214.252 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(89, 191, 207)` looks like.

```
.text, #text, p{  
    color:rgb(89, 191, 207)  
}
```

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(89, 191, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 191, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 30.243, 214.252 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(89, 191, 207) }
```

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

```
.border{ border-color:rgb(89, 191, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 191, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 191, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 191, 207);  
box-shadow:4px 4px 4px 4px rgb(89, 191,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 30.243, 214.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 191, 207) }
```

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

```
.background{ background-color: rgb(89, 191,  
207) }
```

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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