

Converting Colors

CIELCh(72, 24.868, 217.074)

Have a look what the booklet for
CIELCh(72, 24.868, 217.074)
contains.

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Color

CIELCh(72, 24.868, 217.074)

Conversions

Conversions Part 1

Format	Color
Hex	6FBCCB
RGB	111, 188, 203
RGB Percent	44%, 74%, 80%
CMY	0.5647, 0.2627, 0.2039
CMYK	0.45, 0.07, 0.00, 0.20
HSL	190°, 47%, 62%
HSV	190°, 45%, 80%
XYZ	35.3194, 43.6590, 63.0666
YIQ	166.6870, -50.7070, -11.6590

Conversions

Conversions Part 2

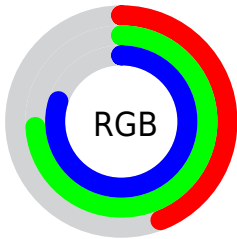
Format	Color
RYB	111, 153, 203
Decimal	7322827
CIELab	72.00, -19.84, -14.99
CIElCh	72, 24.868, 217.074
Yxy	43.6590, 0.2486, 0.3074
Android (android.graphics.Color)	4285512907 (0xFF6FBCCB)
YUV	166.6870, 17.9023, -48.8375
Hunter-Lab	66.0750, -20.2166, -10.3381

Details

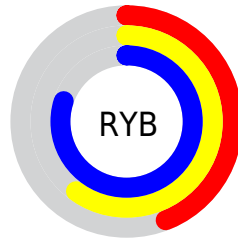
The CIELCh color **72, 24.868, 217.074** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 34.997, 36.375**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 24.520, 211.496**, and **52, 25.019, 216.419** is the 20% darker color. If you saturate the color by 10%, you get **70, 28.741, 218.081**, and if you desaturate by 10%, it is **74, 20.297, 216.348**.

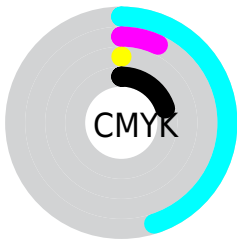
Distribution



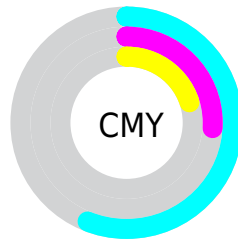
- Red (44%)
- Green (74%)
- Blue (80%)



- Red (44%)
- Yellow (60%)
- Blue (80%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)





- Cyan (56%)
- Magenta (26%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 24.868, 217.074 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, 24.868, 217.074 by changing the saturation by 10% instead.


 72, 24.868,
217.074


 72, 24.868,
217.074


 100, 24.868,
217.074


 62, 24.868,
217.074


 92, 24.868,
217.074

 52, 24.868,
217.074

 42, 24.868,
217.074

 32, 24.868,
217.074

 22, 24.868,
217.074

 12, 24.868,
217.074

 2, 24.868, 217.074

0, 24.868, 217.074

72, 24.868,
217.074

72, 24.868,
217.074

70, 28.741,
218.081

74, 20.297,
216.348

69, 31.843,
219.438

76, 15.123,
215.857

67, 34.133,
221.214

78, 9.448, 215.560

66, 35.628,
223.479

80, 3.368, 215.490

65, 36.417,
226.284

83, 3.028, 35.075

64, 36.665,
227.712

85, 9.663, 35.221

88, 16.472, 35.330

■ 89, 16.525, 41.384

■ 90, 16.110, 48.463

Harmonies

Complementary

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



72, 24.868, 217.074



61, 34.997, 36.375

Rectangle

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



72, 24.868, 217.074



72, 24.868, 267.074



72, 24.868, 37.074



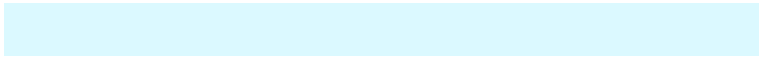
72, 24.868, 87.074

Sweetspot

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



72, 24.868, 217.072



96, 10.425, 215.538



75, 53.589, 145.047



51, 7.152, 215.583



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, 24.868, 217.072



87, 33.880, 218.011



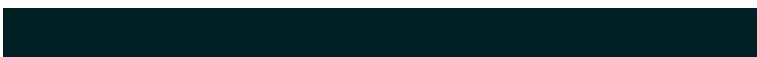
59, 34.714, 277.788



42, 3.570, 215.476



53, 31.537, 227.201



10, 11.832, 220.037

Inverse Universe

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



60, 53.016, 332.112



69, 74.428, 332.732



71, 35.296, 83.781



40, 6.735, 329.808



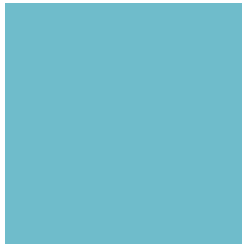
38, 73.782, 335.915



5, 25.424, 333.657

Previews

White Background



This preview shows how the CIELCh color 72, 24.868, 217.074 looks on a white background.

Color Contrast Check

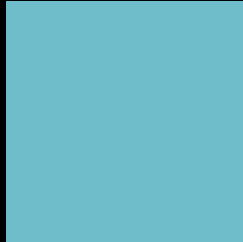
Large Text (above 18pt) WCAG AA × Fail

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, 24.868, 217.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

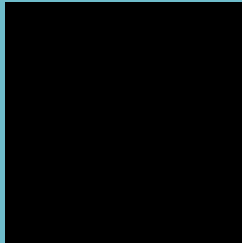
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 24.868, 217.074

Background



This preview shows how black text looks on a background with the CIELCh color 72, 24.868, 217.074.



This preview shows how white text looks on a background with the CIELCh color 72, 24.868, 217.074.

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

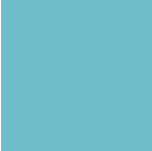
72, 24.868, 217.074

Protanopia

72, 10.912, 289.373

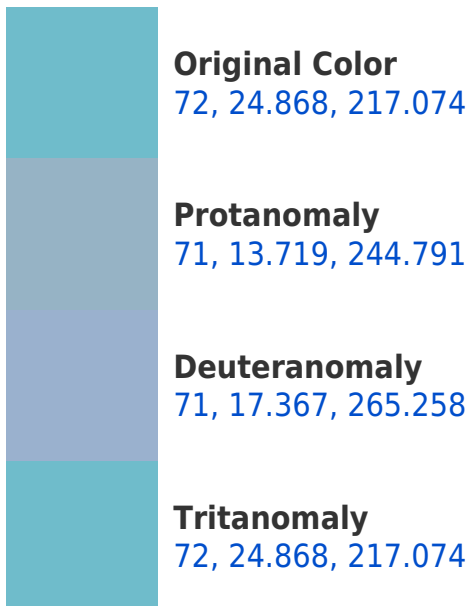
Deuteranopia

72, 19.859, 299.106



Tritanopia
72, 24.868, 217.074

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 24.868, 217.074 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(111, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(111, 188, 203)  
}
```

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(111, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 188, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 24.868, 217.074 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(111, 188, 203) }
```

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

```
.border{ border-color:rgb(111, 188, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 188, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 188, 203); box-shadow:4px 4px 4px 4px rgb(111, 188, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 24.868, 217.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 188, 203) }
```

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

```
.background{ background-color: rgb(111,  
188, 203) }
```

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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