

Converting Colors

CIELCh(72, 26.448, 236.591)

Have a look what the booklet for
CIELCh(72, 26.448, 236.591)
contains.

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Color

CIELCh(72, 26.448, 236.591)

Conversions

Conversions Part 1

Format	Color
Hex	72BAD8
RGB	114, 186, 216
RGB Percent	45%, 73%, 85%
CMY	0.5529, 0.2705, 0.1529
CMYK	0.47, 0.14, 0.00, 0.15
HSL	198°, 57%, 65%
HSV	198°, 47%, 85%
XYZ	36.8983, 43.6590, 71.4552
YIQ	167.8920, -52.5420, -5.9340

Conversions

Conversions Part 2

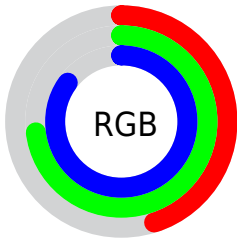
Format	Color
RYB	114, 156, 216
Decimal	7518936
CIELab	72.00, -14.56, -22.08
CIELCh	72, 26.448, 236.591
Yxy	43.6590, 0.2427, 0.2872
Android (android.graphics.Color)	4285709016 (0xFF72BAD8)
YUV	167.8920, 23.7172, -47.2633
Hunter-Lab	66.0750, -15.9513, -17.8652

Details

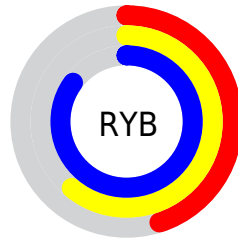
The CIELCh color **72, 26.448, 236.591** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **66, 36.104, 48.549**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 23.081, 215.173**, and **52, 26.376, 236.206** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.709, 238.869**, and if you desaturate by 10%, it is **75, 21.632, 234.783**.

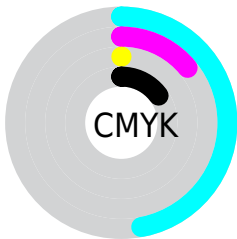
Distribution



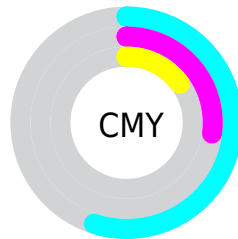
- Red (45%)
- Green (73%)
- Blue (85%)



- Red (45%)
- Yellow (61%)
- Blue (85%)



- Cyan (47%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)





- Cyan (55%)
- Magenta (27%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.448, 236.591 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, 26.448, 236.591 by changing the saturation by 10% instead.


 72, 26.448,
236.591


 72, 26.448,
236.591


 100, 26.448,
236.591


 62, 26.448,
236.591


 92, 26.448,
236.591

 52, 26.448,
236.591

 42, 26.448,
236.591

 32, 26.448,
236.591

 22, 26.448,
236.591

 12, 26.448,
236.591

 2, 26.448, 236.591

0, 26.448, 236.591

72, 26.448,
236.591

72, 26.448,
236.591

69, 30.709,
238.869

75, 21.632,
234.783

67, 34.381,
241.716

78, 16.326,
233.365

64, 37.479,
245.212

81, 10.605,
232.263

62, 40.084,
249.401

84, 4.547, 231.454

60, 42.367,
254.224

87, 1.779, 50.348

91, 8.309, 50.052

59, 43.010,
255.582

93, 11.765, 58.922

■ 95, 12.618, 77.058

■ 96, 14.529, 91.564

Harmonies

Complementary

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



72, 26.448, 236.591



66, 36.104, 48.549

Rectangle

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



72, 26.448, 236.591



72, 26.448, 286.591



72, 26.448, 56.591



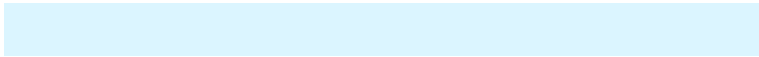
72, 26.448, 106.591

Sweetspot

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



72, 26.447, 236.589



95, 9.939, 231.980



79, 53.023, 149.286



50, 6.826, 232.177



0, 0.000, 0.000



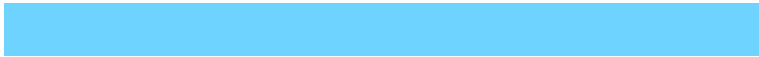
53, 0.007, 296.813

Same Dimension

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



72, 26.447, 236.589



81, 34.950, 238.951



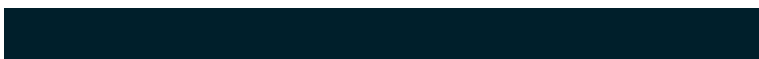
58, 45.505, 287.214



43, 3.534, 231.602



48, 35.850, 254.691



10, 13.140, 243.967

Inverse Universe

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



62, 53.024, 337.665



67, 71.397, 338.651



79, 42.925, 93.665



42, 6.387, 334.655



38, 68.711, 344.330



6, 26.575, 340.758

Previews

White Background



This preview shows how the CIELCh color 72, 26.448, 236.591 looks on a white background.

Color Contrast Check

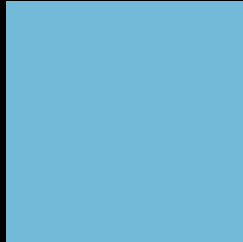
Large Text (above 18pt) WCAG AA × Fail

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, 26.448, 236.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

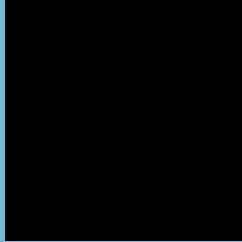
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 26.448, 236.591

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.448, 236.591.

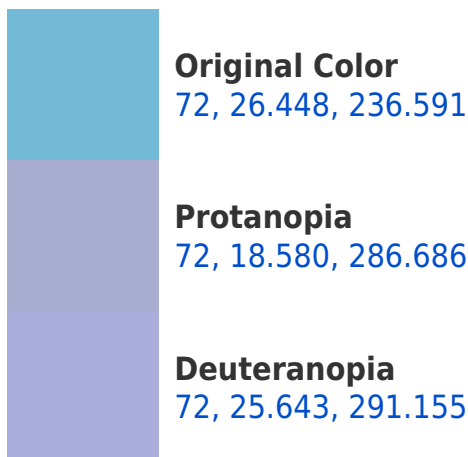


This preview shows how white text looks on a background with the CIELCh color 72, 26.448, 236.591.

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, 25.100, 216.873

Trichromacy



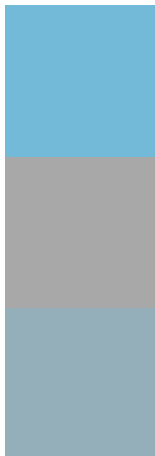
Original Color
72, 26.448, 236.591

Protanomaly
72, 20.040, 263.478

Deuteranomaly
72, 23.676, 270.698

Tritanomaly
72, 25.378, 224.884

Monochromacy



Original Color
72, 26.448, 236.591

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 10.810, 229.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.448, 236.591 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(114, 186, 216)` looks like.

```
.text, #text, p{  
    color:rgb(114, 186, 216)  
}
```

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(114, 186, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 186, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.448, 236.591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

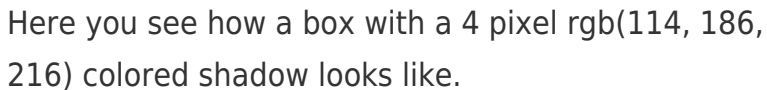
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 186, 216) }
```

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

```
.border{ border-color:rgb(114, 186, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 186, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 186, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 186, 216); box-shadow:4px 4px 4px 4px rgb(114, 186, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.448, 236.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 186, 216) }
```

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

```
.background{ background-color: rgb(114,  
186, 216) }
```

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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