

Converting Colors

CIELCh(56, 71.998, 288.692)

Have a look what the booklet for
CIELCh(56, 71.998, 288.692)
contains.

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Color

CIELCh(56, 71.998, 288.692)

Conversions

Conversions Part 1

Format	Color
Hex	4780FE
RGB	71, 128, 254
RGB Percent	28%, 50%, 100%
CMY	0.7219, 0.4982, 0.0042
CMYK	0.72, 0.50, 0.00, 0.00
HSL	221°, 99%, 64%
HSV	221°, 72%, 100%
XYZ	28.1837, 23.9124, 96.8430
YIQ	125.3210, -74.4180, 27.1020

Conversions

Conversions Part 2

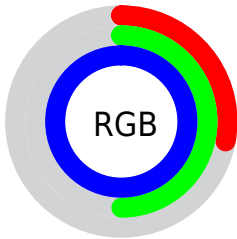
Format	Color
R _{YB}	71, 114, 254
Decimal	4686078
CIE Lab	56.00, 23.07, -68.20
CIE LCh	56, 71.998, 288.692
Yxy	23.9124, 0.1892, 0.1606
Android (android.graphics.Color)	4282876158 (0xFF4780FE)
YUV	125.3210, 63.4387, -47.6395
Hunter-Lab	48.9003, 17.3030, -83.1886

Details

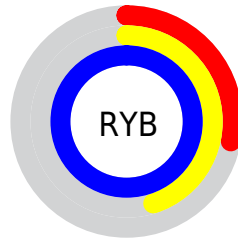
The CIELCh color **56, 71.998, 288.692** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **83, 68.303, 82.864**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 41.703, 278.052**, and **37, 70.950, 292.009** is the 20% darker color. If you saturate the color by 10%, you get **51, 83.059, 292.194**, and if you desaturate by 10%, it is **62, 61.223, 285.449**.

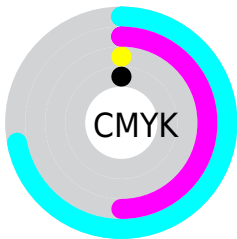
Distribution



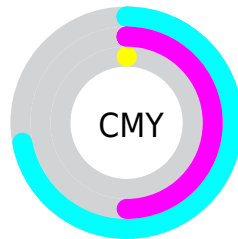
- Red (28%)
- Green (50%)
- Blue (100%)



- Red (28%)
- Yellow (45%)
- Blue (100%)



- Cyan (72%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)





- Cyan (72%)
- Magenta (50%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 71.998, 288.692 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 56, 71.998, 288.692 by changing the saturation by 10% instead.


 56, 71.998,
288.692


 56, 71.998,
288.692


 100, 71.998,
288.692


 46, 71.998,
288.692


 76, 71.998,
288.692

 36, 71.998,
288.692

 86, 71.998,
288.692

 26, 71.998,
288.692

 96, 71.998,
288.692

 16, 71.998,
288.692

 6, 71.998, 288.692

 0, 71.998, 288.692

■ 56, 71.998,
288.692

■ 56, 71.998,
288.692

■ 51, 83.059,
292.194

■ 62, 61.223,
285.449

■ 46, 94.230,
295.770

■ 68, 50.758,
282.555

■ 42, 102.904,
298.449

■ 74, 40.570,
280.035

■ 80, 30.619,
277.872

■ 86, 20.872,
276.026

■ 92, 11.312,
274.457

■ 98, 1.930, 273.220

■ 100, 0.527,
109.992

Harmonies

Complementary

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



56, 71.998, 288.692



83, 68.303, 82.864

Rectangle

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



56, 71.998, 288.692



56, 71.998, 338.692



56, 71.998, 108.692



56, 71.998, 158.692

Sweetspot

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



56, 71.998, 288.693



86, 20.876, 276.015



90, 60.349, 165.827



44, 14.062, 276.486



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 71.998, 288.693



49, 87.753, 293.611



45, 105.163, 305.268



50, 5.336, 274.096



32, 81.695, 297.854



8, 32.789, 292.901

Inverse Universe

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



59, 72.449, 7.981



56, 81.630, 13.780



95, 85.310, 113.015



50, 5.699, 356.016



40, 70.301, 20.211



10, 31.416, 11.928

Previews

White Background



This preview shows how the CIELCh color 56, 71.998, 288.692 looks on a white background.

Color Contrast Check

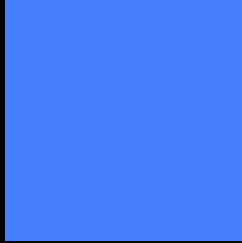
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 56, 71.998, 288.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

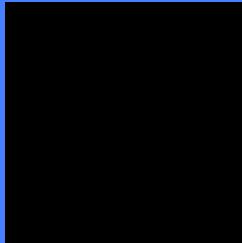
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

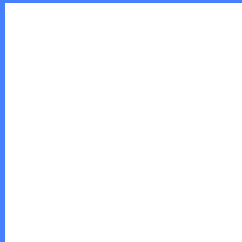
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 71.998, 288.692

Background



This preview shows how black text looks on a background with the CIELCh color 56, 71.998, 288.692.



This preview shows how white text looks on a background with the CIELCh color 56, 71.998, 288.692.

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


56, 71.998, 288.692

Protanopia

56, 72.111, 287.563

Deuteranopia

56, 60.109, 276.965



Tritanopia
56, 32.269, 208.049

Trichromacy



Original Color
56, 71.998, 288.692

Protanomaly
56, 72.055, 287.857

Deuteranomaly
56, 64.578, 280.982

Tritanomaly
55, 37.654, 252.646

Monochromacy



Original Color
56, 71.998, 288.692

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 27.193, 278.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 71.998, 288.692 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(71, 128, 254)` looks like.

```
.text, #text, p{  
    color:rgb(71, 128, 254)  
}
```

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(71, 128, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 128, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 71.998, 288.692 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(71, 128, 254) }
```

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

```
.border{ border-color:rgb(71, 128, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 128, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 128, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 128, 254);  
box-shadow:4px 4px 4px 4px rgb(71, 128,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 71.998, 288.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 128, 254) }
```

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

```
.background{ background-color: rgb(71, 128,  
254) }
```

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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