

Converting Colors

CIELCh(56, 73.420, 298.414)

Have a look what the booklet for
CIELCh(56, 73.420, 298.414)
contains.

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Color

CIELCh(56, 73.391, 298.361)

Conversions

Conversions Part 1

Format	Color
Hex	7977F8
RGB	121, 119, 248
RGB Percent	47%, 47%, 97%
CMY	0.5269, 0.5346, 0.0289
CMYK	0.51, 0.52, 0.00, 0.03
HSL	241°, 90%, 72%
HSV	241°, 52%, 97%
XYZ	31.2801, 23.9124, 91.4795
YIQ	134.3040, -40.2170, 40.5430

Conversions

Conversions Part 2

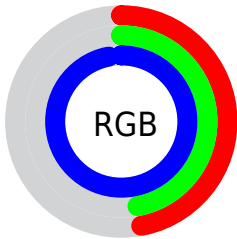
Format	Color
R _Y B	121, 119, 248
Decimal	7960568
CIE Lab	56.00, 34.86, -64.58
CIE LCh	56, 73.391, 298.361
Yxy	23.9124, 0.2133, 0.1630
Android (android.graphics.Color)	4286150648 (0xFF7977F8)
YUV	134.3040, 56.0521, -11.6676
Hunter-Lab	48.9003, 28.6058, -76.6855

Details

The CIELCh color **56, 73.391, 298.361** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **95, 63.265, 105.947**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 45.753, 297.807**, and **36, 73.291, 298.225** is the 20% darker color. If you saturate the color by 10%, you get **49, 89.004, 300.477**, and if you desaturate by 10%, it is **64, 58.084, 296.425**.

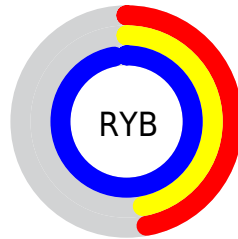
Distribution



Red (47%)

Green (47%)

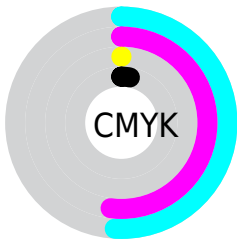
Blue (97%)



Red (47%)

Yellow (47%)

Blue (97%)

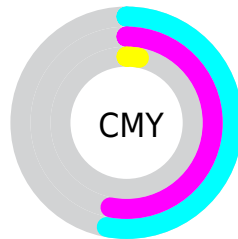


Cyan (51%)

Magenta (52%)

Yellow (0%)

Black (3%)



Cyan (53%)


Magenta (53%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 73.391, 298.361 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, 73.391, 298.361 by changing the saturation by 10% instead.


 56, 73.391,
298.361


 56, 73.391,
298.361


 100, 73.391,
298.361


 46, 73.391,
298.361


 76, 73.391,
298.361

 36, 73.391,
298.361

 86, 73.391,
298.361

 26, 73.391,
298.361

 96, 73.391,
298.361

 16, 73.391,
298.361

 6, 73.391, 298.361

 0, 73.391, 298.361

56, 73.391,
298.361

56, 73.391,
298.361

49, 89.004,
300.477

64, 58.084,
296.425

42, 104.229,
302.616

72, 43.333,
294.725

36, 117.592,
304.501

80, 29.192,
293.266

33, 126.915,
305.786

88, 15.640,
292.026

31, 130.812,
306.318

96, 2.640, 290.996

100, 3.722,
109.879

Harmonies

Complementary

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



56, 73.391, 298.361



95, 63.265, 105.947

Rectangle

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



56, 73.391, 298.361



56, 73.391, 348.361



56, 73.391, 118.361



56, 73.391, 168.361

Sweetspot

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



56, 73.391, 298.362



87, 21.399, 292.491



91, 37.172, 197.090



45, 14.509, 292.747



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, 73.391, 298.362



50, 91.040, 300.482



62, 74.064, 311.737



48, 7.382, 291.740



23, 106.632, 306.331



3, 42.070, 301.147

Inverse Universe

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



69, 77.810, 327.594



67, 91.802, 328.005



91, 68.488, 126.664



49, 8.817, 325.351



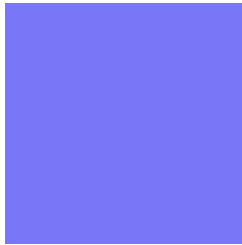
45, 91.073, 328.841



11, 41.267, 328.764

Previews

White Background



This preview shows how the CIELCh color 56, 73.391, 298.361 looks on a white background.

Color Contrast Check

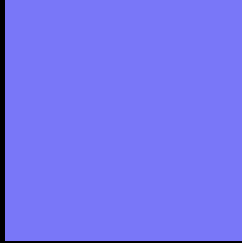
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.391, 298.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

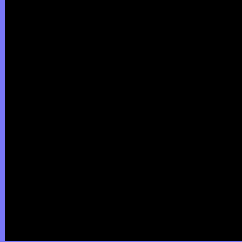
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 73.391, 298.361

Background



This preview shows how black text looks on a background with the CIELCh color 56, 73.391, 298.361.



This preview shows how white text looks on a background with the CIELCh color 56, 73.391, 298.361.

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
56, 18.004, 218.578

Trichromacy



Original Color
56, 73.391, 298.361

Protanomaly
56, 71.863, 290.686

Deuteranomaly
55, 65.475, 283.231

Tritanomaly
56, 31.436, 275.611

Monochromacy



Original Color
56, 73.391, 298.361

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 27.030, 294.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 73.391, 298.361 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(121, 119, 248)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 248)  
}
```

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(121, 119, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 73.391, 298.361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

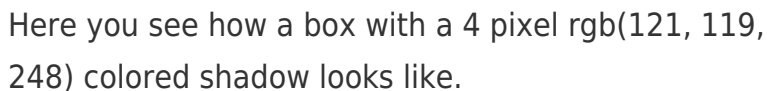
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 119, 248) }
```

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

```
.border{ border-color:rgb(121, 119, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(121, 119, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 119, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 119, 248);  
box-shadow:4px 4px 4px 4px rgb(121, 119,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 73.391, 298.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 248) }
```

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

```
.background{ background-color: rgb(121,  
119, 248) }
```

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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