

Converting Colors

CIELCh(55, 77.009, 298.424)

Have a look what the booklet for
CIELCh(55, 77.009, 298.424)
contains.

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Color

CIELCh(55, 77.009, 298.424)

Conversions

Conversions Part 1

Format	Color
Hex	7373FA
RGB	115, 115, 250
RGB Percent	45%, 45%, 98%
CMY	0.5475, 0.5478, 0.0182
CMYK	0.54, 0.54, 0.00, 0.02
HSL	240°, 94%, 72%
HSV	240°, 54%, 98%
XYZ	30.6008, 22.9298, 93.5590
YIQ	130.3900, -43.3350, 41.9850

Conversions

Conversions Part 2

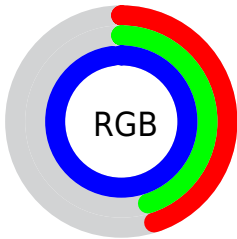
Format	Color
R _Y B	115, 115, 250
Decimal	7566330
CIE Lab	55.00, 36.66, -67.73
CIE LCh	55, 77.009, 298.424
Yxy	22.9298, 0.2080, 0.1559
Android (android.graphics.Color)	4285756410 (0xFF7373FA)
YUV	130.3900, 58.9677, -13.4970
Hunter-Lab	47.8851, 30.2710, -82.3226

Details

The CIELCh color **55, 77.009, 298.424** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **96, 65.860, 105.095**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 48.065, 297.501**, and **35, 76.658, 298.340** is the 20% darker color. If you saturate the color by 10%, you get **48, 92.794, 300.639**, and if you desaturate by 10%, it is **63, 61.458, 296.378**.

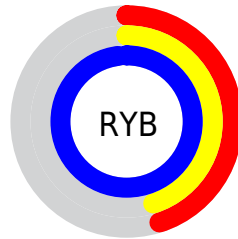
Distribution



Red (45%)

Green (45%)

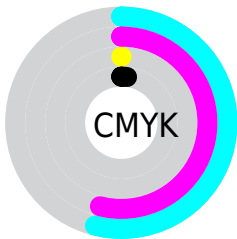
Blue (98%)



Red (45%)

Yellow (45%)

Blue (98%)

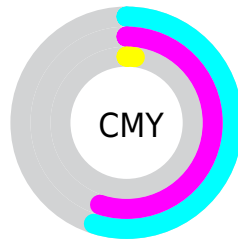


Cyan (54%)

Magenta (54%)

Yellow (0%)

Black (2%)



Cyan (55%)


Magenta (55%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 77.009, 298.424 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 55, 77.009, 298.424 by changing the saturation by 10% instead.


 55, 77.009,
298.424

 55, 77.009,
298.424

 100, 77.009,
298.424

 45, 77.009,
298.424


 75, 77.009,
298.424

 35, 77.009,
298.424

 85, 77.009,
298.424

 25, 77.009,
298.424

 95, 77.009,
298.424

 15, 77.009,
298.424

 5, 77.009, 298.424

 0, 77.009, 298.424

■ 55, 77.009,
298.424

■ 55, 77.009,
298.424

■ 48, 92.794,
300.639

■ 63, 61.458,
296.378

■ 41, 107.978,
302.837

■ 71, 46.454,
294.575

■ 36, 120.876,
304.707

■ 79, 32.069,
293.024

■ 33, 129.228,
305.901

■ 87, 18.289,
291.709

■ 32, 131.968,
306.288

■ 95, 5.074, 290.605

■ 100, 2.337,
109.970

Harmonies

Complementary

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



55, 77.009, 298.424



96, 65.860, 105.095

Rectangle

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



55, 77.009, 298.424



55, 77.009, 348.424



55, 77.009, 118.424



55, 77.009, 168.424

Sweetspot

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



55, 77.009, 298.425



87, 21.395, 291.964



91, 38.418, 197.034



45, 14.506, 292.226



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 77.009, 298.425



48, 95.872, 300.891



61, 77.416, 311.832



48, 7.380, 291.192



23, 106.706, 306.289



3, 42.027, 300.818

Inverse Universe

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



69, 81.683, 327.244



66, 95.968, 327.657



92, 71.360, 126.596



49, 8.905, 324.960



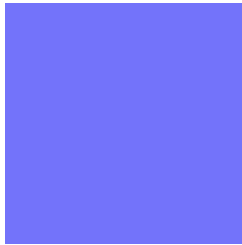
45, 92.117, 328.254



12, 41.680, 328.251

Previews

White Background



This preview shows how the CIE LCh color 55, 77.009, 298.424 looks on a white background.

Color Contrast Check

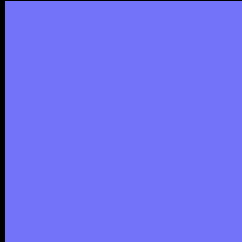
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 55, 77.009, 298.424 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 55, 77.009, 298.424

Background



This preview shows how black text looks on a background with the CIELCh color 55, 77.009, 298.424.



This preview shows how white text looks on a background with the CIELCh color 55, 77.009, 298.424.

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
55, 20.143, 217.941

Trichromacy



Original Color
55, 77.009, 298.424

Protanomaly
55, 74.374, 290.825

Deuteranomaly
54, 66.174, 283.928

Tritanomaly
54, 34.006, 275.329

Monochromacy



Original Color
55, 77.009, 298.424

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 28.280, 293.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 77.009, 298.424 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(115, 115, 250)` looks like.

```
.text, #text, p{  
    color:rgb(115, 115, 250)  
}
```

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(115, 115, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 115, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 77.009, 298.424 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(115, 115, 250) }
```

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

```
.border{ border-color:rgb(115, 115, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 115, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 115, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 115, 250);  
box-shadow:4px 4px 4px 4px rgb(115, 115,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 77.009, 298.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 115, 250) }
```

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

```
.background{ background-color: rgb(115,  
115, 250) }
```

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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