

Converting Colors

CIELCh(57, 53.029, 288.148)

Have a look what the booklet for
CIELCh(57, 53.029, 288.148)
contains.

CIELCh(57, 53.086, 288.261)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 53.086, 288.261)

Conversions

Conversions Part 1

Format	Color
Hex	6984E1
RGB	105, 132, 225
RGB Percent	41%, 52%, 88%
CMY	0.5884, 0.4825, 0.1179
CMYK	0.53, 0.41, 0.00, 0.12
HSL	226°, 67%, 65%
HSV	226°, 53%, 88%
XYZ	27.6472, 24.9227, 74.5486
YIQ	134.5290, -45.9450, 23.1990

Conversions

Conversions Part 2

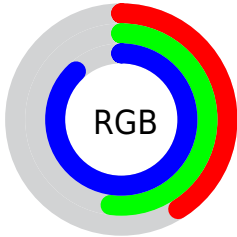
Format	Color
R _Y B	105, 127, 225
Decimal	6915297
CIE Lab	57.00, 16.63, -50.41
CIE LCh	57, 53.086, 288.261
Yxy	24.9227, 0.2175, 0.1961
Android (android.graphics.Color)	4285105377 (0xFF6984E1)
YUV	134.5290, 44.6022, -25.8969
Hunter-Lab	49.9226, 11.4890, -53.5909

Details

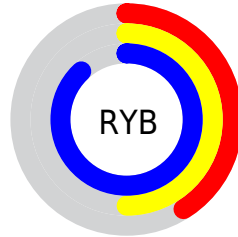
The CIELCh color **57, 53.086, 288.261** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **80, 49.603, 92.285**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 38.031, 283.550**, and **37, 53.079, 288.347** is the 20% darker color. If you saturate the color by 10%, you get **51, 64.083, 290.971**, and if you desaturate by 10%, it is **63, 42.454, 285.878**.

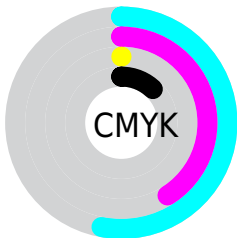
Distribution



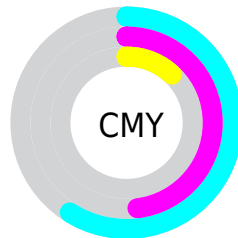
- Red (41%)
- Green (52%)
- Blue (88%)



- Red (41%)
- Yellow (50%)
- Blue (88%)



- Cyan (53%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)



- Cyan (59%)
- Magenta (48%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 53.086, 288.261 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 57, 53.086, 288.261 by changing the saturation by 10% instead.

■ 57, 53.086,
288.261

■ 57, 53.086,
288.261

■ 100, 53.086,
288.261

■ 47, 53.086,
288.261

■ 77, 53.086,
288.261

■ 37, 53.086,
288.261

■ 87, 53.086,
288.261

■ 27, 53.086,
288.261

■ 97, 53.086,
288.261

■ 17, 53.086,
288.261

■ 7, 53.086, 288.261

■ 0, 53.086, 288.261

■ 57, 53.086,
288.261

■ 57, 53.086,
288.261

■ 51, 64.083,
290.971

■ 63, 42.454,
285.878

■ 46, 75.408,
293.956

■ 69, 32.171,
283.820

■ 40, 86.858,
297.083

■ 75, 22.203,
282.057

■ 36, 97.924,
300.129

■ 81, 12.522,
280.555

■ 33, 104.676,
301.927

■ 87, 3.103, 279.308

■ 94, 6.067, 98.105

■ 99, 14.703,
107.616

■ 99, 15.205,
109.028

Harmonies

Complementary

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



57, 53.086, 288.261



80, 49.603, 92.285

Rectangle

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



57, 53.086, 288.261



57, 53.086, 338.261



57, 53.086, 108.261



57, 53.086, 158.261

Sweetspot

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



57, 53.085, 288.262



89, 16.682, 280.946



82, 40.598, 175.112



46, 11.294, 281.251



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 53.085, 288.262



57, 71.810, 291.288



53, 69.609, 304.999



44, 5.292, 280.033



26, 85.843, 301.472



4, 26.762, 290.580

Inverse Universe

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



60, 49.925, 9.120



62, 65.960, 12.175



85, 61.352, 117.414



44, 4.932, 2.193



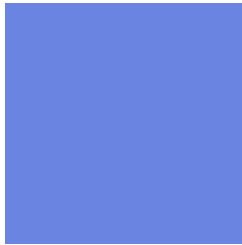
37, 69.115, 27.296



6, 25.284, 11.389

Previews

White Background



This preview shows how the CIELCh color 57, 53.086, 288.261 looks on a white background.

Color Contrast Check

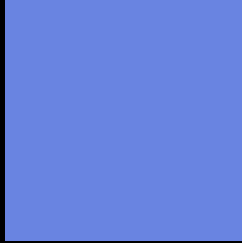
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 53.086, 288.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

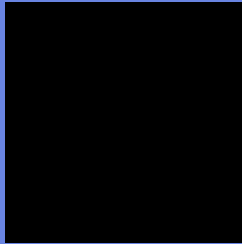
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 53.086, 288.261

Background



This preview shows how black text looks on a background with the CIELCh color 57, 53.086, 288.261.



This preview shows how white text looks on a background with the CIELCh color 57, 53.086, 288.261.

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

57, 53.086, 288.261

Protanopia

57, 53.245, 286.247

Deuteranopia

57, 50.548, 279.840



Tritanopia
57, 21.372, 216.523

Trichromacy



Original Color
57, 53.086, 288.261

Protanomaly
57, 53.158, 286.964

Deuteranomaly
57, 51.294, 282.925

Tritanomaly
57, 27.271, 258.488

Monochromacy



Original Color
57, 53.086, 288.261

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 19.683, 282.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 53.086, 288.261 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(105, 132, 225)` looks like.

```
.text, #text, p{  
    color:rgb(105, 132, 225)  
}
```

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(105, 132, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 132, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 53.086, 288.261 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(105, 132, 225) }
```

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

```
.border{ border-color:rgb(105, 132, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 132, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 132, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 132, 225);  
box-shadow:4px 4px 4px 4px rgb(105, 132,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 53.086, 288.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 132, 225) }
```

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

```
.background{ background-color: rgb(105,  
132, 225) }
```

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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