

Converting Colors

CIELCh(60, 65.778, 289.468)

Have a look what the booklet for
CIELCh(60, 65.778, 289.468)
contains.

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Color

CIELCh(60, 65.967, 289.402)

Conversions

Conversions Part 1

Format	Color
Hex	658AFF
RGB	101, 138, 255
RGB Percent	40%, 54%, 100%
CMY	0.6043, 0.4592, 0.0004
CMYK	0.60, 0.46, 0.00, 0.00
HSL	226°, 100%, 70%
HSV	226°, 60%, 100%
XYZ	32.4616, 28.1233, 98.2345
YIQ	140.2750, -59.6090, 28.5430

Conversions

Conversions Part 2

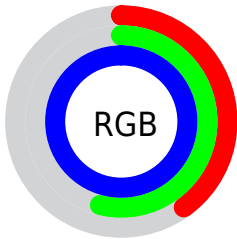
Format	Color
R _Y B	101, 131, 255
Decimal	6654719
CIE Lab	60.00, 21.91, -62.22
CIE LCh	60, 65.967, 289.402
Yxy	28.1233, 0.2044, 0.1771
Android (android.graphics.Color)	4284844799 (0xFF658AFF)
YUV	140.2750, 56.5594, -34.4442
Hunter-Lab	53.0314, 16.4584, -72.7058

Details

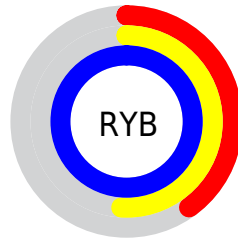
The CIELCh color **60, 65.967, 289.402** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **88, 61.024, 90.191**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.020, 279.222**, and **40, 65.572, 289.206** is the 20% darker color. If you saturate the color by 10%, you get **54, 78.127, 292.392**, and if you desaturate by 10%, it is **66, 54.186, 286.723**.

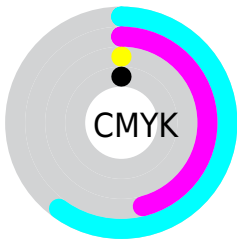
Distribution



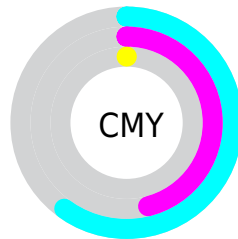
- Red (40%)
- Green (54%)
- Blue (100%)



- Red (40%)
- Yellow (51%)
- Blue (100%)



- Cyan (60%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (46%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 65.967, 289.402 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 60, 65.967, 289.402 by changing the saturation by 10% instead.


 60, 65.967,
289.402


 60, 65.967,
289.402


 100, 65.967,
289.402


 50, 65.967,
289.402


 80, 65.967,
289.402

 40, 65.967,
289.402

 90, 65.967,
289.402

 30, 65.967,
289.402

 20, 65.967,
289.402

 10, 65.967,
289.402

 0, 65.967, 289.402

 60, 65.967,

 60, 65.967,

289.402

289.402

■ 54, 78.127,
292.392

■ 66, 54.186,
286.723

■ 48, 90.538,
295.586

■ 73, 42.791,
284.385

■ 43, 102.796,
298.783

■ 80, 31.751,
282.374

■ 39, 113.684,
301.561

■ 86, 21.028,
280.656

■ 93, 10.595,
279.196

■ 100, 0.430,
278.421

■ 100, 0.043,
108.360

Harmonies

Complementary

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



60, 65.967, 289.402



88, 61.024, 90.191

Rectangle

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



60, 65.967, 289.402



60, 65.967, 339.402



60, 65.967, 109.402



60, 65.967, 159.402

Sweetspot

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



60, 65.966, 289.403



88, 18.486, 280.281



91, 50.087, 172.758



45, 12.894, 280.735



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 65.966, 289.403



52, 81.345, 293.204



54, 87.881, 305.358



50, 5.778, 279.075



29, 90.137, 301.062



6, 36.062, 296.260

Inverse Universe

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



64, 62.430, 9.902



59, 73.871, 14.103



95, 75.413, 116.390



50, 5.514, 1.074



40, 73.046, 26.422



10, 31.752, 16.556

Previews

White Background



This preview shows how the CIELCh color 60, 65.967, 289.402 looks on a white background.

Color Contrast Check

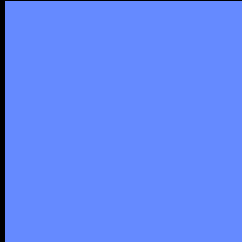
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 65.967, 289.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

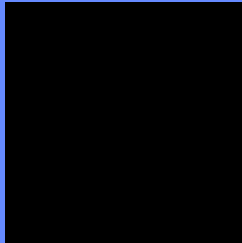
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

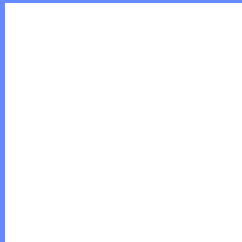
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 65.967, 289.402

Background



This preview shows how black text looks on a background with the CIELCh color 60, 65.967, 289.402.



This preview shows how white text looks on a background with the CIELCh color 60, 65.967, 289.402.

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

60, 65.967, 289.402

Protanopia

60, 65.062, 286.845

Deuteranopia

60, 61.724, 278.833



Tritanopia
60, 27.960, 212.569

Trichromacy



Original Color
60, 65.967, 289.402

Protanomaly
60, 65.544, 287.866

Deuteranomaly
60, 63.386, 282.479

Tritanomaly
59, 33.996, 257.246

Monochromacy



Original Color
60, 65.967, 289.402

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 24.667, 282.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 65.967, 289.402 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(101, 138, 255)` looks like.

```
.text, #text, p{  
    color:rgb(101, 138, 255)  
}
```

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(101, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 138, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 65.967, 289.402 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(101, 138, 255) }
```

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

```
.border{ border-color:rgb(101, 138, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 138, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(101, 138,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 65.967, 289.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 138, 255) }
```

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

```
.background{ background-color: rgb(101,  
138, 255) }
```

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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