

Converting Colors

CIELCh(60, 43.783, 285.091)

Have a look what the booklet for
CIELCh(60, 43.783, 285.091)
contains.

CIELCh(60, 43.735, 285.064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 43.735, 285.064)

Conversions

Conversions Part 1

Format	Color
Hex	748EDB
RGB	116, 142, 219
RGB Percent	45%, 56%, 86%
CMY	0.5456, 0.4436, 0.1417
CMYK	0.47, 0.35, 0.00, 0.14
HSL	225°, 59%, 66%
HSV	225°, 47%, 86%
XYZ	29.6105, 28.1233, 70.7969
YIQ	143.0040, -40.2130, 18.4350

Conversions

Conversions Part 2

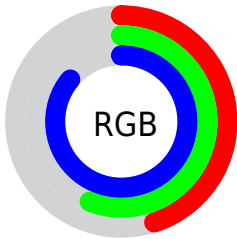
Format	Color
R _Y B	116, 137, 219
Decimal	7638747
CIE Lab	60.00, 11.37, -42.23
CIE LCh	60, 43.735, 285.064
Yxy	28.1233, 0.2304, 0.2188
Android (android.graphics.Color)	4285828827 (0xFF748EDB)
YUV	143.0040, 37.4660, -23.6825
Hunter-Lab	53.0314, 6.8619, -42.0301

Details

The CIELCh color **60, 43.735, 285.064** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **79, 41.981, 91.169**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.568, 280.395**, and **40, 44.095, 285.315** is the 20% darker color. If you saturate the color by 10%, you get **54, 53.817, 287.617**, and if you desaturate by 10%, it is **66, 33.964, 282.851**.

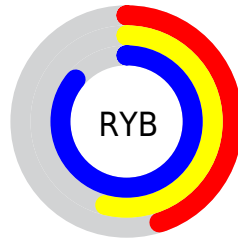
Distribution



Red (45%)

Green (56%)

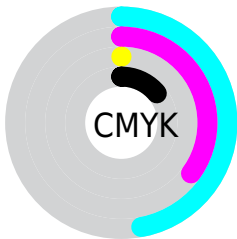
Blue (86%)



Red (45%)

Yellow (54%)

Blue (86%)

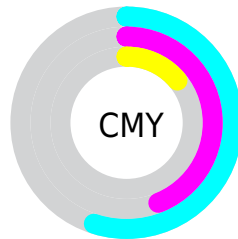


Cyan (47%)

Magenta (35%)

Yellow (0%)

Black (14%)



Cyan (55%)

Magenta (44%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 43.735, 285.064 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, 43.735, 285.064 by changing the saturation by 10% instead.

■ 60, 43.735,
285.064

■ 60, 43.735,
285.064

■ 100, 43.735,
285.064

■ 50, 43.735,
285.064

■ 80, 43.735,
285.064

■ 40, 43.735,
285.064

■ 90, 43.735,
285.064

■ 30, 43.735,
285.064

■ 20, 43.735,
285.064

■ 10, 43.735,
285.064

■ 0, 43.735, 285.064

■ 60, 43.735,

■ 60, 43.735,

285.064

■ 54, 53.817,
287.617

■ 49, 64.231,
290.500

■ 44, 74.934,
293.645

■ 39, 85.725,
296.902

■ 35, 96.118,
300.025

■ 34, 99.011,
300.839

285.064

■ 66, 33.964,
282.851

■ 72, 24.475,
280.951

■ 77, 15.238,
279.330

■ 83, 6.233, 277.956

■ 89, 2.555, 96.649

■ 95, 11.135, 95.676

■ 99, 18.267,
108.796

Harmonies

Complementary

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



60, 43.735, 285.064



79, 41.981, 91.169

Rectangle

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



60, 43.735, 285.064



60, 43.735, 335.064



60, 43.735, 105.064



60, 43.735, 155.064

Sweetspot

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



60, 43.734, 285.064



91, 14.108, 278.901



81, 36.781, 173.359



47, 9.765, 279.217



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, 43.734, 285.064



63, 59.737, 287.461



55, 59.493, 303.365



43, 5.035, 278.260



26, 81.969, 300.360



4, 24.491, 288.571

Inverse Universe

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



61, 43.108, 5.629



66, 58.080, 7.771



84, 53.194, 116.290



43, 4.895, 0.171



36, 67.222, 24.971



5, 23.802, 9.296

Previews

White Background



This preview shows how the CIELCh color 60, 43.735, 285.064 looks on a white background.

Color Contrast Check

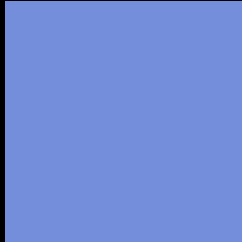
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.735, 285.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

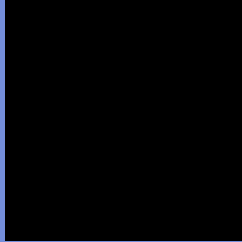
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 43.735, 285.064

Background



This preview shows how black text looks on a background with the CIELCh color 60, 43.735, 285.064.



This preview shows how white text looks on a background with the CIELCh color 60, 43.735, 285.064.

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, 43.735, 285.064

Protanopia

60, 43.701, 285.405

Deuteranopia

60, 42.390, 281.209



Tritanopia
60, 18.622, 219.488

Trichromacy



Original Color
60, 43.735, 285.064

Protanomaly
60, 43.701, 285.405

Deuteranomaly
60, 42.796, 282.863

Tritanomaly
60, 23.882, 257.707

Monochromacy



Original Color
60, 43.735, 285.064

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 16.132, 279.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 43.735, 285.064 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(116, 142, 219)` looks like.

```
.text, #text, p{  
    color:rgb(116, 142, 219)  
}
```

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(116, 142, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 142, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 43.735, 285.064 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(116, 142, 219) }
```

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

```
.border{ border-color:rgb(116, 142, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 142, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 142, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 142, 219);  
box-shadow:4px 4px 4px 4px rgb(116, 142,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 43.735, 285.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 142, 219) }
```

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

```
.background{ background-color: rgb(116,  
142, 219) }
```

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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