

Converting Colors

CIELCh(65, 56.636, 288.897)

Have a look what the booklet for
CIELCh(65, 56.636, 288.897)
contains.

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Color

CIELCh(65, 56.709, 288.828)

Conversions

Conversions Part 1

Format	Color
Hex	7E98FE
RGB	126, 152, 254
RGB Percent	49%, 60%, 100%
CMY	0.5059, 0.4039, 0.0039
CMYK	0.50, 0.40, 0.00, 0.00
HSL	228°, 98%, 75%
HSV	228°, 50%, 100%
XYZ	37.7212, 34.0472, 98.3482
YIQ	155.8540, -48.2380, 26.2100

Conversions

Conversions Part 2

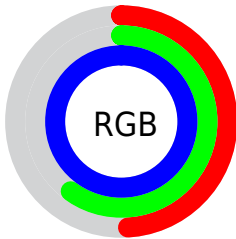
Format	Color
RYB	126, 148, 254
Decimal	8296702
CIELab	65.00, 18.30, -53.67
CIELCh	65, 56.709, 288.828
Yxy	34.0472, 0.2217, 0.2001
Android (android.graphics.Color)	4286486782 (0xFF7E98FE)
YUV	155.8540, 48.3860, -26.1820
Hunter-Lab	58.3500, 13.2817, -59.0876

Details

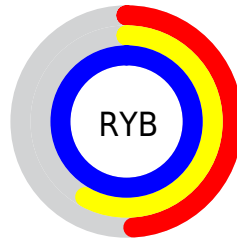
The CIELCh color `65, 56.709, 288.828` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `91, 52.728, 94.119`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 26.553, 277.827`, and `45, 56.579, 288.696` is the 20% darker color. If you saturate the color by 10%, you get `58, 69.150, 291.428`, and if you desaturate by 10%, it is `72, 44.698, 286.554`.

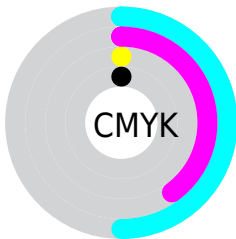
Distribution



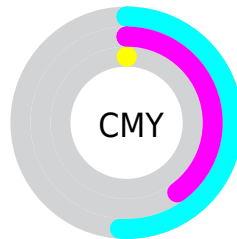
- Red (49%)
- Green (60%)
- Blue (100%)



- Red (49%)
- Yellow (58%)
- Blue (100%)



- Cyan (50%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (40%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 56.709, 288.828 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 65, 56.709, 288.828 by changing the saturation by 10% instead.


 65, 56.709,
288.828


 65, 56.709,
288.828


 100, 56.709,
288.828


 55, 56.709,
288.828


 85, 56.709,
288.828


 45, 56.709,
288.828

 95, 56.709,
288.828

 35, 56.709,
288.828

 25, 56.709,
288.828

 15, 56.709,
288.828

 5, 56.709, 288.828

 0, 56.709, 288.828

■ 65, 56.709,
288.828

■ 65, 56.709,
288.828

■ 58, 69.150,
291.428

■ 72, 44.698,
286.554

■ 52, 81.979,
294.309

■ 79, 33.099,
284.595

■ 46, 94.969,
297.351

■ 86, 21.874,
282.923

■ 41, 107.534,
300.332

■ 93, 10.989,
281.501

■ 37, 118.242,
302.837

■ 99, 0.419, 280.714

100, 0.496,
109.985

Harmonies

Complementary

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



65, 56.709, 288.828



91, 52.728, 94.119

Rectangle

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



65, 56.709, 288.828



65, 56.709, 338.828



65, 56.709, 108.828



65, 56.709, 158.828

Sweetspot

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



65, 56.708, 288.829



90, 16.016, 282.127



92, 42.178, 176.788



46, 10.960, 282.430



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 56.708, 288.829



59, 68.876, 291.324



61, 72.365, 305.206



49, 6.024, 281.386



27, 94.146, 302.401



6, 37.537, 297.517

Inverse Universe

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



68, 51.954, 10.180



64, 62.139, 12.673



95, 64.450, 118.245



50, 5.435, 3.850



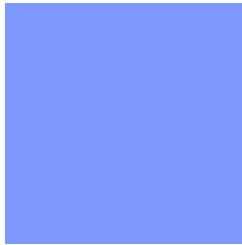
40, 74.793, 29.364



10, 31.966, 18.579

Previews

White Background



This preview shows how the CIE LCh color 65, 56.709, 288.828 looks on a white background.

Color Contrast Check

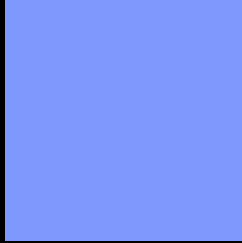
Large Text (above 18pt) WCAG AA × Fail

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 65, 56.709, 288.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

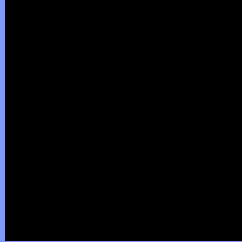
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 56.709, 288.828

Background



This preview shows how black text looks on a background with the CIELCh color 65, 56.709, 288.828.



This preview shows how white text looks on a background with the CIELCh color 65, 56.709, 288.828.

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


65, 56.709, 288.828

Protanopia

65, 56.352, 285.995

Deuteranopia

65, 53.717, 280.122



Tritanopia
65, 21.769, 217.359

Trichromacy



Original Color
65, 56.709, 288.828

Protanomaly
65, 56.828, 287.127

Deuteranomaly
65, 54.427, 283.084

Tritanomaly
65, 29.103, 261.018

Monochromacy



Original Color
65, 56.709, 288.828

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 20.797, 282.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 56.709, 288.828 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(126, 152, 254)` looks like.

```
.text, #text, p{  
    color:rgb(126, 152, 254)  
}
```

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(126, 152, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 152, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 56.709, 288.828 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(126, 152, 254) }
```

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

```
.border{ border-color:rgb(126, 152, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 152, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 152, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 152, 254);  
box-shadow:4px 4px 4px 4px rgb(126, 152,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 56.709, 288.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 152, 254) }
```

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

```
.background{ background-color: rgb(126,  
152, 254) }
```

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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