

Converting Colors

CIELCh(56, 65.782, 285.159)

Have a look what the booklet for
CIELCh(56, 65.782, 285.159)
contains.

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Color

CIELCh(56, 65.579, 285.056)

Conversions

Conversions Part 1

Format	Color
Hex	3F83F5
RGB	63, 131, 245
RGB Percent	25%, 51%, 96%
CMY	0.7524, 0.4860, 0.0389
CMYK	0.74, 0.47, 0.00, 0.04
HSL	218°, 90%, 60%
HSV	218°, 74%, 96%
XYZ	26.6799, 23.9124, 89.6677
YIQ	123.6640, -77.1220, 21.0380

Conversions

Conversions Part 2

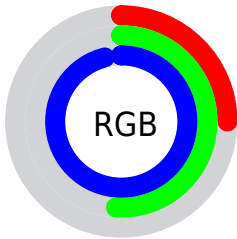
Format	Color
R _{YB}	63, 113, 245
Decimal	4162549
CIE Lab	56.00, 17.03, -63.33
CIE LCh	56, 65.579, 285.056
Yxy	23.9124, 0.1902, 0.1705
Android (android.graphics.Color)	4282352629 (0xFF3F83F5)
YUV	123.6640, 59.8186, -53.2023
Hunter-Lab	48.9003, 11.8136, -74.4888

Details

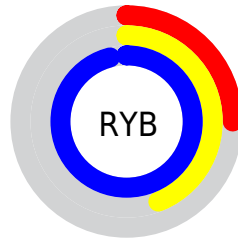
The CIELCh color **56, 65.579, 285.056** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **77, 66.507, 77.193**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 40.754, 273.553**, and **38, 64.465, 289.347** is the 20% darker color. If you saturate the color by 10%, you get **51, 75.132, 288.845**, and if you desaturate by 10%, it is **61, 56.275, 281.563**.

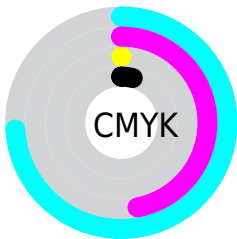
Distribution



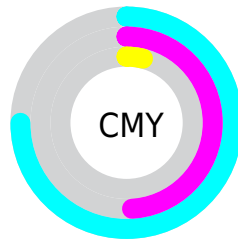
- Red (25%)
- Green (51%)
- Blue (96%)



- Red (25%)
- Yellow (44%)
- Blue (96%)



- Cyan (74%)
- Magenta (47%)
- Yellow (0%)
- Black (4%)





- Cyan (75%)
- Magenta (49%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 65.579, 285.056 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 56, 65.579, 285.056 by changing the saturation by 10% instead.


 56, 65.579,
285.056


 56, 65.579,
285.056


 100, 65.579,
285.056


 46, 65.579,
285.056


 76, 65.579,
285.056

 36, 65.579,
285.056

 86, 65.579,
285.056

 26, 65.579,
285.056

 96, 65.579,
285.056

 16, 65.579,
285.056

 6, 65.579, 285.056

 0, 65.579, 285.056

■ 56, 65.579,
285.056

■ 56, 65.579,
285.056

■ 51, 75.132,
288.845

■ 61, 56.275,
281.563

■ 47, 84.885,
292.746

■ 66, 47.187,
278.453

■ 44, 90.535,
294.899

■ 72, 38.261,
275.752

■ 77, 29.456,
273.437

■ 83, 20.747,
271.466

■ 89, 12.127,
269.794

■ 94, 3.597, 268.419

■ 99, 4.491, 105.027

100, 5.013,
109.788

Harmonies

Complementary

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



56, 65.579, 285.056



77, 66.507, 77.193

Rectangle

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



56, 65.579, 285.056



56, 65.579, 335.056



56, 65.579, 105.056



56, 65.579, 155.056

Sweetspot

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



56, 65.579, 285.057



87, 19.425, 271.076



87, 64.097, 160.934



45, 13.070, 271.562



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 65.579, 285.057



51, 82.379, 290.777



41, 105.702, 304.421



48, 4.825, 269.097



34, 72.316, 294.224



8, 27.643, 288.098

Inverse Universe

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



57, 72.228, 3.683



55, 82.207, 9.718



92, 83.897, 109.676



48, 5.700, 351.909



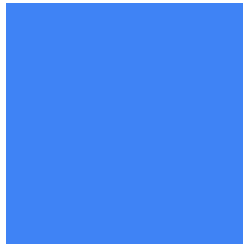
39, 67.346, 14.273



9, 29.622, 6.079

Previews

White Background



This preview shows how the CIELCh color 56, 65.579, 285.056 looks on a white background.

Color Contrast Check

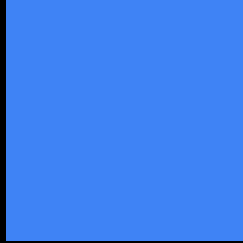
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 65.579, 285.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

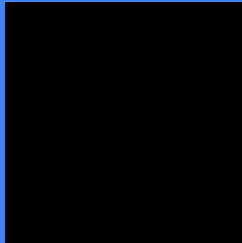
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

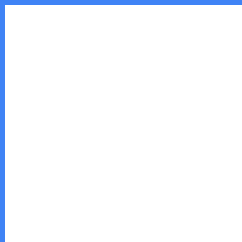
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 65.579, 285.056

Background



This preview shows how black text looks on a background with the CIELCh color 56, 65.579, 285.056.



This preview shows how white text looks on a background with the CIELCh color 56, 65.579, 285.056.

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


56, 65.579, 285.056

Protanopia

56, 65.377, 287.133

Deuteranopia

56, 61.119, 277.578



Tritanopia
56, 32.269, 208.049

Trichromacy



Original Color
56, 65.579, 285.056

Protanomaly
56, 65.444, 286.241

Deuteranomaly
56, 63.028, 279.847

Tritanomaly
55, 36.136, 248.156

Monochromacy



Original Color
56, 65.579, 285.056

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 24.745, 273.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 65.579, 285.056 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(63, 131, 245)` looks like.

```
.text, #text, p{  
    color:rgb(63, 131, 245)  
}
```

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(63, 131, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 131, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 65.579, 285.056 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(63, 131, 245) }
```

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

```
.border{ border-color:rgb(63, 131, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 131, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 131, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 131, 245);  
box-shadow:4px 4px 4px 4px rgb(63, 131,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 65.579, 285.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 131, 245) }
```

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

```
.background{ background-color: rgb(63, 131,  
245) }
```

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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