

Converting Colors

CIELCh(53, 65.101, 281.588)

Have a look what the booklet for
CIELCh(53, 65.101, 281.588)
contains.

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Color

CIELCh(53, 65.064, 281.583)

Conversions

Conversions Part 1

Format	Color
Hex	007EED
RGB	0, 126, 237
RGB Percent	0%, 49%, 93%
CMY	0.9990, 0.5058, 0.0705
CMYK	1.00, 0.47, 0.00, 0.07
HSL	208°, 100%, 47%
HSV	208°, 100%, 93%
XYZ	22.7573, 21.0462, 83.0076
YIQ	100.9800, -110.7270, 7.8090

Conversions

Conversions Part 2

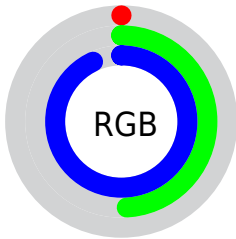
Format	Color
R _Y B	0, 82, 237
Decimal	32493
CIE _{Lab}	53.00, 13.06, -63.74
CIE _{LCh}	53, 65.064, 281.583
Y _{xy}	21.0462, 0.1795, 0.1660
Android (android.graphics.Color)	4278222573 (0xFF007EED)
YUV	100.9800, 67.0579, -88.5595
Hunter-Lab	45.8761, 8.2634, -75.1652

Details

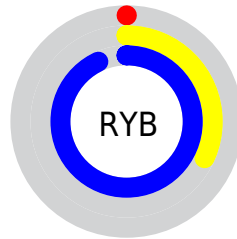
The CIELCh color **53, 65.064, 281.583** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **61, 82.039, 57.473**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 44.751, 269.994**, and **35, 63.174, 289.858** is the 20% darker color. If you saturate the color by 10%, you get **53, 65.130, 281.631**, and if you desaturate by 10%, it is **56, 58.801, 276.855**.

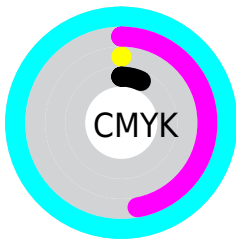
Distribution



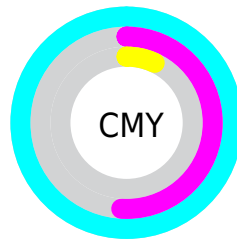
- Red (0%)
- Green (49%)
- Blue (93%)



- Red (0%)
- Yellow (32%)
- Blue (93%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (7%)





- Cyan (100%)
- Magenta (51%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 65.064, 281.583 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 53, 65.064, 281.583 by changing the saturation by 10% instead.


 53, 65.064,
281.583


 53, 65.064,
281.583


 100, 65.064,
281.583


 43, 65.064,
281.583


 73, 65.064,
281.583

 33, 65.064,
281.583

 83, 65.064,
281.583

 23, 65.064,
281.583

 93, 65.064,
281.583

 13, 65.064,
281.583

 3, 65.064, 281.583

 0, 65.064, 281.583

■ 53, 65.064,
281.583

■ 53, 65.064,
281.583

■ 53, 65.130,
281.631

■ 56, 58.801,
276.855

■ 60, 52.723,
272.276

■ 64, 46.680,
268.118

■ 68, 40.548,
264.480

■ 72, 34.247,
261.374

■ 76, 27.739,
258.762

■ 80, 21.027,
256.584

■ 85, 14.132,

254.775

■ 89, 7.089, 253.286

Harmonies

Complementary

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



53, 65.064, 281.583



61, 82.039, 57.473

Rectangle

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



53, 65.064, 281.583



53, 65.064, 331.583



53, 65.064, 101.583



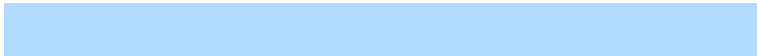
53, 65.064, 151.583

Sweetspot

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



53, 65.064, 281.585



86, 22.382, 256.628



83, 87.800, 147.165



44, 15.199, 257.505



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 65.064, 281.585



57, 69.097, 281.831



30, 125.223, 305.987



47, 4.036, 253.229



41, 52.358, 280.756



10, 19.498, 272.305

Inverse Universe

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



51, 80.555, 359.717



55, 85.108, 359.932



89, 89.419, 100.679



46, 6.087, 342.736



39, 65.970, 359.003



8, 28.930, 352.876

Previews

White Background



This preview shows how the CIE LCh color 53, 65.064, 281.583 looks on a white background.

Color Contrast Check

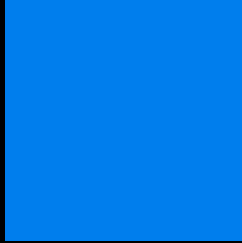
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 65.064, 281.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

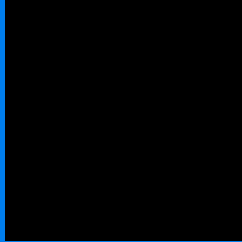
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

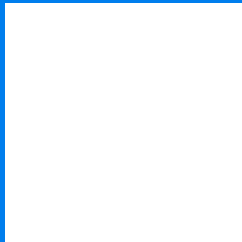
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 65.064, 281.583

Background



This preview shows how black text looks on a background with the CIELCh color 53, 65.064, 281.583.



This preview shows how white text looks on a background with the CIELCh color 53, 65.064, 281.583.

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

53, 65.064, 281.583

Protanopia

53, 64.290, 287.107

Deuteranopia

53, 57.755, 277.109



Tritanopia
53, 31.070, 206.382

Trichromacy



Original Color
53, 65.064, 281.583

Protanomaly
53, 64.749, 284.189

Deuteranomaly
53, 60.347, 278.889

Tritanomaly
53, 35.521, 247.024

Monochromacy



Original Color
53, 65.064, 281.583

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 26.783, 262.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 65.064, 281.583 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(0, 126, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 237)  
}
```

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(0, 126, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 65.064, 281.583 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(0, 126, 237) }
```

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

```
.border{ border-color:rgb(0, 126, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 65.064, 281.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 237) }
```

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

```
.background{ background-color: rgb(0, 126,  
237) }
```

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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