

Converting Colors

CIELCh(53, 67.787, 283.203)

Have a look what the booklet for
CIELCh(53, 67.787, 283.203)
contains.

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Color

CIELCh(53, 67.703, 283.147)

Conversions

Conversions Part 1

Format	Color
Hex	067DF1
RGB	6, 125, 241
RGB Percent	2%, 49%, 95%
CMY	0.9770, 0.5099, 0.0550
CMYK	0.98, 0.48, 0.00, 0.06
HSL	210°, 95%, 48%
HSV	210°, 98%, 94%
XYZ	23.2746, 21.0462, 86.0277
YIQ	102.6430, -108.1600, 10.8480

Conversions

Conversions Part 2

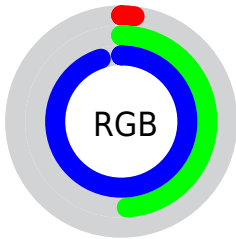
Format	Color
R _Y B	6, 85, 241
Decimal	425457
CIE Lab	53.00, 15.40, -65.93
CIE LCh	53, 67.703, 283.147
Yxy	21.0462, 0.1786, 0.1615
Android (android.graphics.Color)	4278615537 (0xFF067DF1)
YUV	102.6430, 68.2100, -84.7559
Hunter-Lab	45.8761, 10.2762, -79.0684

Details

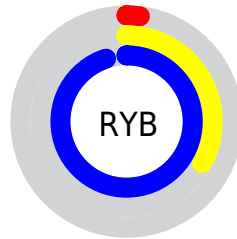
The CIELCh color **53, 67.703, 283.147** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **64, 80.992, 60.035**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 45.046, 271.200**, and **36, 66.118, 291.066** is the 20% darker color. If you saturate the color by 10%, you get **52, 69.418, 284.231**, and if you desaturate by 10%, it is **57, 60.855, 278.513**.

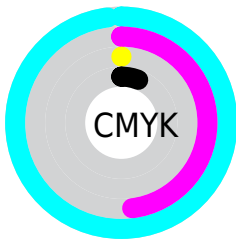
Distribution



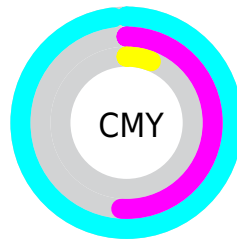
- Red (2%)
- Green (49%)
- Blue (95%)



- Red (2%)
- Yellow (33%)
- Blue (95%)



- Cyan (98%)
- Magenta (48%)
- Yellow (0%)
- Black (6%)





- Cyan (98%)
- Magenta (51%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 67.703, 283.147 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, 67.703, 283.147 by changing the saturation by 10% instead.


 53, 67.703,
283.147


 53, 67.703,
283.147


 100, 67.703,
283.147


 43, 67.703,
283.147


 73, 67.703,
283.147

 33, 67.703,
283.147

 83, 67.703,
283.147

 23, 67.703,
283.147

 93, 67.703,
283.147

 13, 67.703,
283.147

 3, 67.703, 283.147

 0, 67.703, 283.147

■ 53, 67.703,
283.147

■ 53, 67.703,
283.147

■ 52, 69.418,
284.231

■ 57, 60.855,
278.513

■ 60, 54.190,
274.095

■ 64, 47.586,
270.093

■ 69, 40.934,
266.591

■ 73, 34.159,
263.596

■ 78, 27.230,
261.071

■ 82, 20.146,
258.956

■ 87, 12.927,

257.192

■ 92, 5.602, 255.744

Harmonies

Complementary

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



53, 67.703, 283.147



64, 80.992, 60.035

Rectangle

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



53, 67.703, 283.147



53, 67.703, 333.147



53, 67.703, 103.147



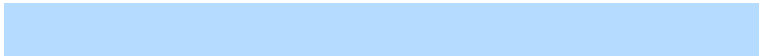
53, 67.703, 153.147

Sweetspot

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



53, 67.703, 283.149



86, 22.164, 259.254



84, 86.285, 148.450



44, 15.156, 260.136



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, 67.703, 283.149



55, 72.680, 284.380



31, 126.473, 305.990



48, 4.184, 255.994



40, 55.660, 283.390



10, 21.130, 275.619

Inverse Universe

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



52, 80.930, 1.150



55, 84.707, 2.300



91, 91.266, 101.836



47, 6.093, 344.044



39, 66.294, 1.351



8, 29.507, 355.055

Previews

White Background



This preview shows how the CIE LCh color 53, 67.703, 283.147 looks on a white background.

Color Contrast Check

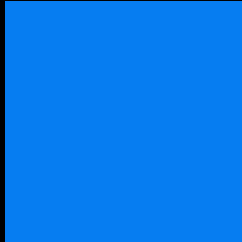
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 67.703, 283.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

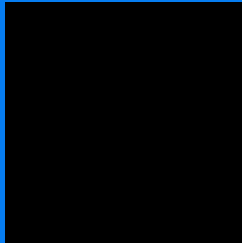
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 67.703, 283.147

Background



This preview shows how black text looks on a background with the CIELCh color 53, 67.703, 283.147.



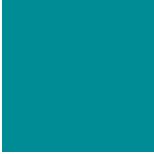
This preview shows how white text looks on a background with the CIELCh color 53, 67.703, 283.147.

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





Tritanopia
53, 31.070, 206.382

Trichromacy



Original Color
53, 67.703, 283.147

Protanomaly
53, 67.440, 285.186

Deuteranomaly
53, 61.366, 279.530

Tritanomaly
53, 35.793, 247.983

Monochromacy



Original Color
53, 67.703, 283.147

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 27.425, 265.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 67.703, 283.147 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(6, 125, 241)` looks like.

```
.text, #text, p{  
    color:rgb(6, 125, 241)  
}
```

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(6, 125, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 125, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 67.703, 283.147 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(6, 125, 241) }
```

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

```
.border{ border-color:rgb(6, 125, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 125, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 125, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 125, 241);  
box-shadow:4px 4px 4px 4px rgb(6, 125,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 67.703, 283.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 125, 241) }
```

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

```
.background{ background-color: rgb(6, 125,  
241) }
```

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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