

Converting Colors

CIELCh(53, 68.280, 283.227)

Have a look what the booklet for
CIELCh(53, 68.280, 283.227)
contains.

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Color

CIELCh(53, 68.264, 283.240)

Conversions

Conversions Part 1

Format	Color
Hex	007DF2
RGB	0, 125, 242
RGB Percent	0%, 49%, 95%
CMY	1.0000, 0.5101, 0.0514
CMYK	1.00, 0.48, 0.00, 0.05
HSL	209°, 100%, 47%
HSV	209°, 100%, 95%
XYZ	23.3272, 21.0462, 86.7570
YIQ	100.9630, -112.0570, 9.8870

Conversions

Conversions Part 2

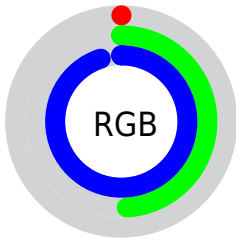
Format	Color
R _Y B	0, 82, 242
Decimal	32242
CIE Lab	53.00, 15.63, -66.45
CIE LCh	53, 68.264, 283.240
Yxy	21.0462, 0.1779, 0.1605
Android (android.graphics.Color)	4278222322 (0xFF007DF2)
YUV	100.9630, 69.5312, -88.5446
Hunter-Lab	45.8761, 10.4809, -80.0110

Details

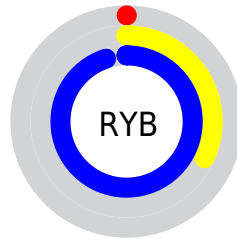
The CIELCh color **53, 68.264, 283.240** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **63, 82.803, 58.569**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 45.114, 270.950**, and **36, 66.689, 291.251** is the 20% darker color. If you saturate the color by 10%, you get **53, 68.261, 283.253**, and if you desaturate by 10%, it is **56, 61.546, 278.598**.

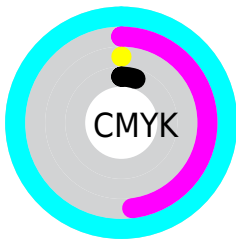
Distribution



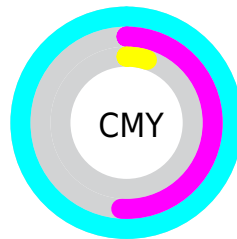
- Red (0%)
- Green (49%)
- Blue (95%)



- Red (0%)
- Yellow (32%)
- Blue (95%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (5%)





- Cyan (100%)
- Magenta (51%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 68.264, 283.240 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, 68.264, 283.240 by changing the saturation by 10% instead.


 53, 68.264,
283.240


 53, 68.264,
283.240


 100, 68.264,
283.240


 43, 68.264,
283.240


 73, 68.264,
283.240

 33, 68.264,
283.240

 83, 68.264,
283.240

 23, 68.264,
283.240

 93, 68.264,
283.240

 13, 68.264,
283.240

 3, 68.264, 283.240

 0, 68.264, 283.240

■ 53, 68.264,
283.240

■ 53, 68.264,
283.240

■ 53, 68.261,
283.253

■ 56, 61.546,
278.598

■ 60, 55.040,
274.062

■ 64, 48.606,
269.923

■ 68, 42.122,
266.283

■ 73, 35.505,
263.164

■ 77, 28.714,
260.532

■ 82, 21.746,
258.330

■ 86, 14.617,

256.495

■ 91, 7.360, 254.979

Harmonies

Complementary

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



53, 68.264, 283.240



63, 82.803, 58.569

Rectangle

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



53, 68.264, 283.240



53, 68.264, 333.240



53, 68.264, 103.240



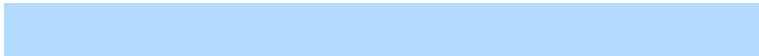
53, 68.264, 153.240

Sweetspot

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



53, 68.261, 283.253



85, 22.694, 258.347



84, 87.794, 147.903



43, 15.422, 259.231



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, 68.261, 283.253



56, 71.241, 283.393



31, 127.905, 306.144



48, 4.153, 254.908



41, 54.573, 282.390



10, 20.771, 274.534

Inverse Universe

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



52, 81.544, 1.223



55, 84.846, 1.355



92, 91.950, 101.781



47, 6.133, 343.520



40, 66.420, 0.431



8, 29.604, 354.312

Previews

White Background



This preview shows how the CIE LCh color 53, 68.264, 283.240 looks on a white background.

Color Contrast Check

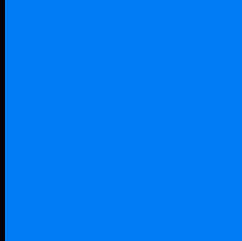
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.264, 283.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

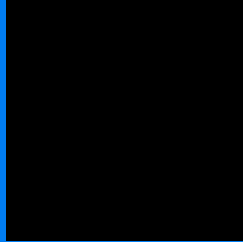
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

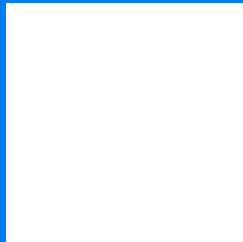
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 68.264, 283.240

Background



This preview shows how black text looks on a background with the CIELCh color 53, 68.264, 283.240.

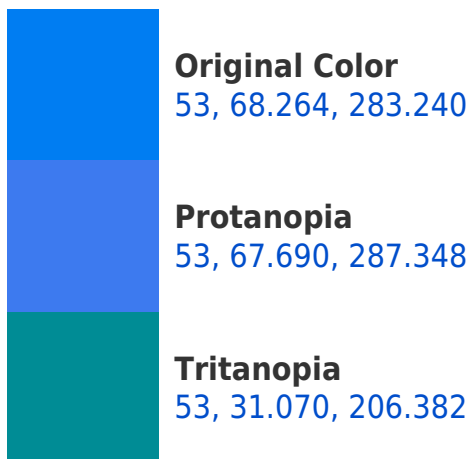


This preview shows how white text looks on a background with the CIELCh color 53, 68.264, 283.240.

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



Trichromacy



Original Color
53, 68.264, 283.240

Protanomaly
53, 68.021, 285.176

Tritanomaly
53, 36.171, 248.729

Monochromacy



Original Color
53, 68.264, 283.240

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 27.743, 264.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 68.264, 283.240 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, 125, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 242)  
}
```

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, 125, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 68.264, 283.240 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, 125, 242) }
```

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

```
.border{ border-color:rgb(0, 125, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 68.264, 283.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 242) }
```

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

```
.background{ background-color: rgb(0, 125,  
242) }
```

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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