

Converting Colors

CIELCh(55, 72.153, 284.193)

Have a look what the booklet for
CIELCh(55, 72.153, 284.193)
contains.

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Color

CIELCh(55, 72.258, 284.265)

Conversions

Conversions Part 1

Format	Color
Hex	0281FE
RGB	2, 129, 254
RGB Percent	1%, 51%, 100%
CMY	0.9908, 0.4934, 0.0031
CMYK	0.99, 0.49, 0.00, 0.00
HSL	210°, 99%, 50%
HSV	210°, 99%, 100%
XYZ	25.8236, 22.9298, 97.0023
YIQ	105.2770, -115.8170, 11.9510

Conversions

Conversions Part 2

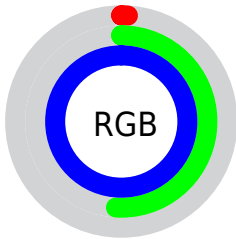
Format	Color
R _Y B	2, 86, 254
Decimal	164350
CIE Lab	55.00, 17.80, -70.03
CIE LCh	55, 72.258, 284.265
Yxy	22.9298, 0.1772, 0.1573
Android (android.graphics.Color)	4278354430 (0xFF0281FE)
YUV	105.2770, 73.3204, -90.5739
Hunter-Lab	47.8851, 12.4631, -86.5859

Details

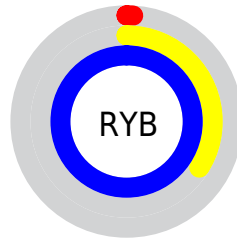
The CIELCh color `55, 72.258, 284.265` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark saturated azure. A complement of this color would be `67, 85.069, 59.752`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `72, 43.192, 268.820`, and `38, 70.295, 291.639` is the 20% darker color. If you saturate the color by 10%, you get `55, 72.945, 284.671`, and if you desaturate by 10%, it is `59, 64.985, 279.644`.

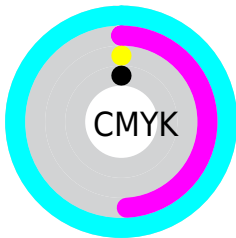
Distribution



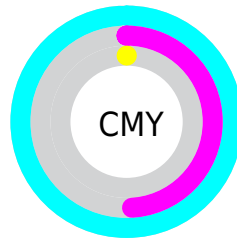
- Red (1%)
- Green (51%)
- Blue (100%)



- Red (1%)
- Yellow (34%)
- Blue (100%)



- Cyan (99%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (99%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 72.258, 284.265 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 55, 72.258, 284.265 by changing the saturation by 10% instead.


 55, 72.258,
284.265

 55, 72.258,
284.265


 100, 72.258,
284.265


 45, 72.258,
284.265


 75, 72.258,
284.265

 35, 72.258,
284.265

 85, 72.258,
284.265

 25, 72.258,
284.265

 95, 72.258,
284.265

 15, 72.258,
284.265

 5, 72.258, 284.265

 0, 72.258, 284.265

■ 55, 72.258,
284.265

■ 55, 72.258,
284.265

■ 55, 72.945,
284.671

■ 59, 64.985,
279.644

■ 63, 57.931,
275.169

■ 67, 50.970,
271.082

■ 71, 43.983,
267.486

■ 76, 36.887,
264.401

■ 81, 29.639,
261.794

■ 85, 22.234,
259.609

■ 90, 14.688,

257.785

■ 95, 7.031, 256.278

Harmonies

Complementary

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



55, 72.258, 284.265



67, 85.069, 59.752

Rectangle

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



55, 72.258, 284.265



55, 72.258, 334.265



55, 72.258, 104.265



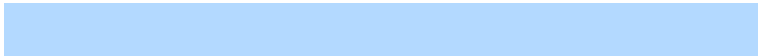
55, 72.258, 154.265

Sweetspot

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



55, 72.258, 284.267



85, 22.979, 259.795



88, 90.796, 148.041



43, 15.626, 260.683



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 72.258, 284.267



55, 73.130, 284.679



33, 132.453, 306.098



51, 4.412, 256.335



42, 57.891, 283.834



12, 23.580, 277.250

Inverse Universe

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



55, 84.377, 2.199



55, 84.669, 2.595



96, 95.314, 101.798



50, 6.398, 344.214



41, 68.286, 1.772



10, 31.903, 356.228

Previews

White Background



This preview shows how the CIE LCh color 55, 72.258, 284.265 looks on a white background.

Color Contrast Check

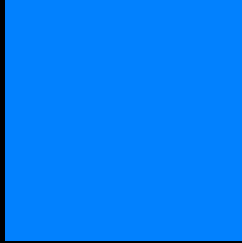
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 72.258, 284.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

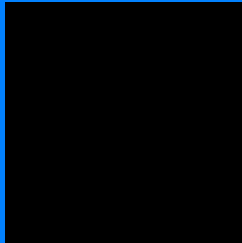
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

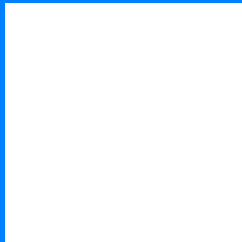
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 72.258, 284.265

Background



This preview shows how black text looks on a background with the CIELCh color 55, 72.258, 284.265.



This preview shows how white text looks on a background with the CIELCh color 55, 72.258, 284.265.

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
55, 31.832, 207.165

Trichromacy



Original Color
55, 72.253, 284.285

Protanomaly
55, 71.489, 285.529

Deuteranomaly
55, 63.784, 279.862

Tritanomaly
54, 37.843, 250.935

Monochromacy



Original Color
55, 72.253, 284.285

Achromatopsia
45, 0.006, 296.813

Achromatomaly
47, 29.612, 266.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 72.258, 284.265 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(2, 129, 254)` looks like.

```
.text, #text, p{  
    color:rgb(2, 129, 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(2, 129, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 129, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 72.258, 284.265 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(2, 129, 254) }
```

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

```
.border{ border-color:rgb(2, 129, 254) }
```

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

Here you see how a box with a 4 pixel rgb(2, 129, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 129, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 129, 254);  
box-shadow:4px 4px 4px 4px rgb(2, 129,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 72.258, 284.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 129, 254) }
```

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

```
.background{ background-color: rgb(2, 129,  
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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