

Converting Colors

CIELCh(52, 79.694, 289.514)

Have a look what the booklet for
CIELCh(52, 79.694, 289.514)
contains.

CIELCh(52, 79.776, 289.529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	26

Color

CIELCh(52, 79.776, 289.529)

Conversions

Conversions Part 1

Format	Color
Hex	1D75FF
RGB	29, 117, 255
RGB Percent	11%, 46%, 100%
CMY	0.8850, 0.5420, 0.0010
CMYK	0.88, 0.54, 0.00, 0.00
HSL	217°, 100%, 56%
HSV	217°, 88%, 100%
XYZ	24.8626, 20.1443, 96.9785
YIQ	106.4200, -96.7460, 24.2620

Conversions

Conversions Part 2

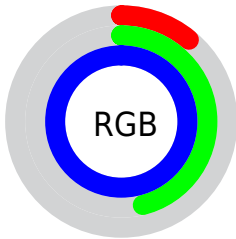
Format	Color
RYP	29, 92, 255
Decimal	1930751
CIELab	52.00, 26.67, -75.19
CIElCh	52, 79.776, 289.529
Yxy	20.1443, 0.1751, 0.1419
Android (android.graphics.Color)	4280120831 (0xFF1D75FF)
YUV	106.4200, 73.2499, -67.8973
Hunter-Lab	44.8824, 20.3358, -96.6915

Details

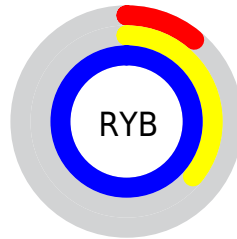
The CIELCh color **52, 79.776, 289.529** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **75, 78.325, 72.944**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 48.785, 279.277**, and **35, 78.088, 295.495** is the 20% darker color. If you saturate the color by 10%, you get **48, 89.602, 293.482**, and if you desaturate by 10%, it is **57, 70.126, 285.588**.

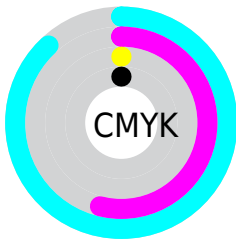
Distribution



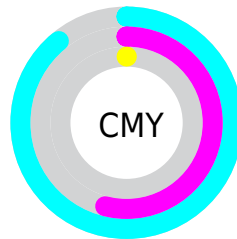
- Red (11%)
- Green (46%)
- Blue (100%)



- Red (11%)
- Yellow (36%)
- Blue (100%)



- Cyan (88%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)





- Cyan (89%)
- Magenta (54%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 79.776, 289.529 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 52, 79.776, 289.529 by changing the saturation by 10% instead.


 52, 79.776,
289.529


 52, 79.776,
289.529


 100, 79.776,
289.529


 42, 79.776,
289.529


 72, 79.776,
289.529

 32, 79.776,
289.529

 82, 79.776,
289.529

 22, 79.776,
289.529

 92, 79.776,
289.529

 12, 79.776,
289.529

 2, 79.776, 289.529

 0, 79.776, 289.529

■ 52, 79.776,
289.529

■ 52, 79.776,
289.529

■ 48, 89.602,
293.482

■ 57, 70.126,
285.588

■ 47, 91.092,
294.038

■ 62, 60.724,
281.888

■ 67, 51.543,
278.559

■ 72, 42.523,
275.647

■ 78, 33.614,
273.143

■ 84, 24.784,
271.011

■ 89, 16.023,
269.202

■ 95, 7.332, 267.680

100, 0.113,
109.484

Harmonies

Complementary

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



52, 79.776, 289.529



75, 78.325, 72.944

Rectangle

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



52, 79.776, 289.529



52, 79.776, 339.529



52, 79.776, 109.529



52, 79.776, 159.529

Sweetspot

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



52, 79.776, 289.531



85, 23.491, 270.722



89, 75.260, 156.917



43, 15.850, 271.395



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 79.776, 289.531



47, 91.163, 294.040



36, 126.175, 305.978



50, 4.914, 267.821



35, 72.081, 293.338



9, 28.938, 287.724

Inverse Universe

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



55, 81.880, 8.158



54, 85.250, 13.999



95, 94.665, 108.722



50, 5.945, 350.983



41, 68.491, 12.971



10, 31.286, 5.810

Previews

White Background



This preview shows how the CIE LCh color 52, 79.776, 289.529 looks on a white background.

Color Contrast Check

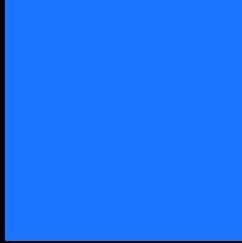
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 79.776, 289.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

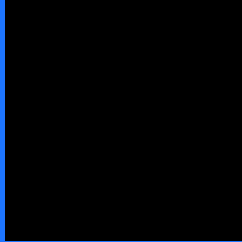
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

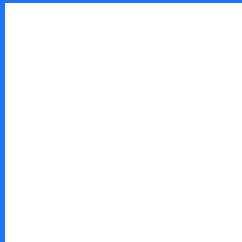
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 79.776, 289.529

Background



This preview shows how black text looks on a background with the CIELCh color 52, 79.776, 289.529.

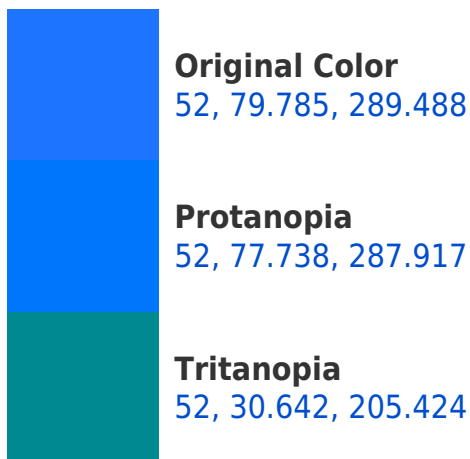


This preview shows how white text looks on a background with the CIELCh color 52, 79.776, 289.529.

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
52, 79.785, 289.488

Protanomaly
52, 78.225, 288.296

Tritanomaly
51, 38.084, 256.171

Monochromacy



Original Color
52, 79.785, 289.488

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 30.713, 275.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 79.776, 289.529 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(29, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(29, 117, 255)  
}
```

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(29, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 117, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 79.776, 289.529 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(29, 117, 255) }
```

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

```
.border{ border-color:rgb(29, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(29, 117,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 79.776, 289.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 117, 255) }
```

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

```
.background{ background-color: rgb(29, 117,  
255) }
```

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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