

Converting Colors

CIELCh(52, 74.835, 307.740)

Have a look what the booklet for
CIELCh(52, 74.835, 307.740)
contains.

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Color

CIELCh(52, 75.022, 307.818)

Conversions

Conversions Part 1

Format	Color
Hex	9062E3
RGB	144, 98, 227
RGB Percent	56%, 38%, 89%
CMY	0.4361, 0.6164, 0.1106
CMYK	0.37, 0.57, 0.00, 0.11
HSL	261°, 70%, 64%
HSV	261°, 57%, 89%
XYZ	29.6501, 20.1443, 74.8425
YIQ	126.4600, -13.9930, 49.8710

Conversions

Conversions Part 2

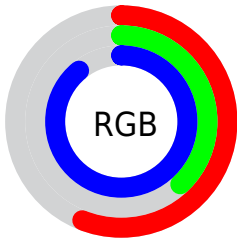
Format	Color
RYB	144, 98, 227
Decimal	9462499
CIELab	52.00, 46.00, -59.26
CIELCh	52, 75.022, 307.818
Yxy	20.1443, 0.2379, 0.1616
Android (android.graphics.Color)	4287652579 (0xFF9062E3)
YUV	126.4600, 49.5662, 15.3826
Hunter-Lab	44.8824, 39.3757, -67.4497

Details

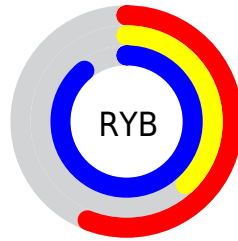
The CIELCh color **52, 75.022, 307.818** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **85, 66.610, 121.050**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 59.640, 311.009**, and **32, 74.916, 307.684** is the 20% darker color. If you saturate the color by 10%, you get **46, 88.282, 308.546**, and if you desaturate by 10%, it is **58, 61.315, 307.032**.

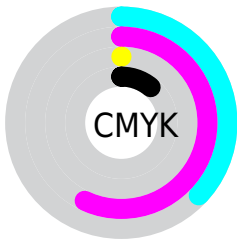
Distribution



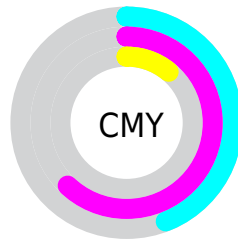
- Red (56%)
- Green (38%)
- Blue (89%)



- Red (56%)
- Yellow (38%)
- Blue (89%)



- Cyan (37%)
- Magenta (57%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (62%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 75.022, 307.818 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, 75.022, 307.818 by changing the saturation by 10% instead.

■ 52, 75.022,
307.818

■ 52, 75.022,
307.818

■ 100, 75.022,
307.818

■ 42, 75.022,
307.818

■ 72, 75.022,
307.818

■ 32, 75.022,
307.818

■ 82, 75.022,
307.818

■ 22, 75.022,
307.818

■ 92, 75.022,
307.818

■ 12, 75.022,
307.818

■ 2, 75.022, 307.818

■ 0, 75.022, 307.818

52, 75.022,
307.818

52, 75.022,
307.818

46, 88.282,
308.546

58, 61.315,
307.032

41, 100.320,
309.105

65, 47.621,
306.256

36, 110.023,
309.343

72, 34.181,
305.528

33, 116.287,
309.111

79, 21.111,
304.863

32, 117.821,
309.005

85, 8.457, 304.265

92, 3.771, 123.771

99, 14.691,
121.973

99, 14.277,
109.099

Harmonies

Complementary

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



52, 75.022, 307.818



85, 66.610, 121.050

Rectangle

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



52, 75.022, 307.818



52, 75.022, 357.818



52, 75.022, 127.818



52, 75.022, 177.818

Sweetspot

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



52, 75.021, 307.818



87, 23.405, 304.878



70, 32.873, 247.389



45, 15.708, 305.007



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, 75.021, 307.818



51, 98.646, 308.649



59, 77.337, 322.690



43, 6.958, 304.413



24, 97.264, 309.172



3, 32.569, 305.073

Inverse Universe

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



60, 62.383, 341.756



63, 78.371, 343.283



82, 76.492, 136.581



44, 6.347, 337.312



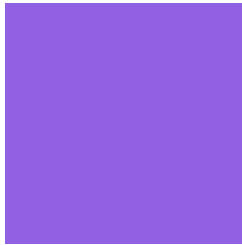
39, 67.637, 349.158



7, 28.382, 344.783

Previews

White Background



This preview shows how the CIELCh color 52, 75.022, 307.818 looks on a white background.

Color Contrast Check

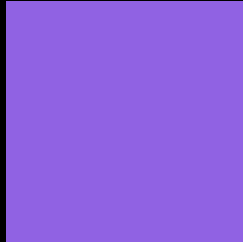
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.022, 307.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

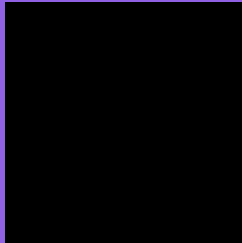
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 75.022, 307.818

Background



This preview shows how black text looks on a background with the CIELCh color 52, 75.022, 307.818.



This preview shows how white text looks on a background with the CIELCh color 52, 75.022, 307.818.

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
52, 5.833, 294.723

Trichromacy



Original Color
52, 75.022, 307.818



Protanomaly
51, 75.200, 292.668



Deuteranomaly
51, 62.309, 288.544



Tritanomaly
51, 31.566, 304.634

Monochromacy



Original Color
52, 75.022, 307.818



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 28.044, 305.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 75.022, 307.818 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(144, 98, 227)` looks like.

```
.text, #text, p{  
    color:rgb(144, 98, 227)  
}
```

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(144, 98, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 98, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 75.022, 307.818 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(144, 98, 227) }
```

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

```
.border{ border-color:rgb(144, 98, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 98, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 98, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 98, 227);  
box-shadow:4px 4px 4px 4px rgb(144, 98,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 75.022, 307.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 98, 227) }
```

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

```
.background{ background-color: rgb(144, 98,  
227) }
```

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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