

Converting Colors

CIELCh(52, 61.312, 311.550)

Have a look what the booklet for
CIELCh(52, 61.312, 311.550)
contains.

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Color

CIELCh(52, 61.414, 311.787)

Conversions

Conversions Part 1

Format	Color
Hex	9864CB
RGB	152, 100, 203
RGB Percent	60%, 39%, 80%
CMY	0.4034, 0.6074, 0.2034
CMYK	0.25, 0.51, 0.00, 0.20
HSL	270°, 50%, 59%
HSV	270°, 51%, 80%
XYZ	28.3384, 20.1443, 58.9793
YIQ	127.2900, -2.0710, 43.0570

Conversions

Conversions Part 2

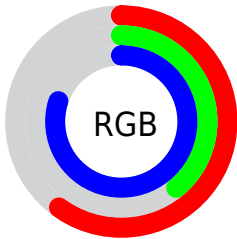
Format	Color
R _Y B	152, 100, 203
Decimal	9987275
CIE Lab	52.00, 40.92, -45.79
CIE LCh	52, 61.414, 311.787
Yxy	20.1443, 0.2637, 0.1875
Android (android.graphics.Color)	4288177355 (0xFF9864CB)
YUV	127.2900, 37.3250, 21.6707
Hunter-Lab	44.8824, 34.1591, -46.4943

Details

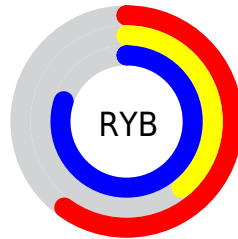
The CIELCh color **52, 61.414, 311.787** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **76, 57.030, 126.912**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 58.816, 312.512**, and **32, 61.071, 311.803** is the 20% darker color. If you saturate the color by 10%, you get **47, 73.410, 312.253**, and if you desaturate by 10%, it is **58, 49.045, 311.262**.

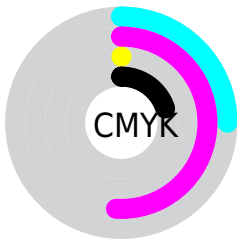
Distribution



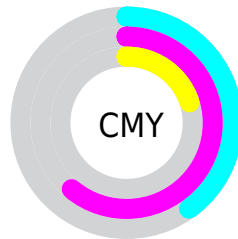
- Red (60%)
- Green (39%)
- Blue (80%)



- Red (60%)
- Yellow (39%)
- Blue (80%)



- Cyan (25%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)





- Cyan (40%)
- Magenta (61%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 61.414, 311.787 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, 61.414, 311.787 by changing the saturation by 10% instead.


 52, 61.414,
311.787


 52, 61.414,
311.787


 100, 61.414,
311.787


 42, 61.414,
311.787


 72, 61.414,
311.787

 32, 61.414,
311.787

 82, 61.414,
311.787

 22, 61.414,
311.787

 92, 61.414,
311.787

 12, 61.414,
311.787

 2, 61.414, 311.787

 0, 61.414, 311.787

52, 61.414,
311.787

52, 61.414,
311.787

47, 73.410,
312.253

58, 49.045,
311.262

42, 84.505,
312.587

63, 36.645,
310.724

38, 93.955,
312.693

69, 24.412,
310.201

34, 100.921,
312.456

75, 12.453,
309.708


32, 105.097,
311.937

81, 0.823, 309.123

87, 10.460,
128.878

93, 21.391,
128.513

97, 27.567,
125.669

 98, 26.621,
118.142

Harmonies

Complementary

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



52, 61.414, 311.787



76, 57.030, 126.912

Rectangle

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



52, 61.414, 311.787



52, 61.414, 1.787



52, 61.414, 131.787



52, 61.414, 181.787

Sweetspot

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



52, 61.413, 311.787



89, 21.107, 309.925



61, 31.884, 265.081



46, 14.442, 310.031



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, 61.413, 311.787



58, 88.646, 312.297



58, 65.486, 327.064



40, 6.606, 309.645



26, 90.215, 312.101



3, 24.566, 306.826

Inverse Universe

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



56, 47.491, 349.413



65, 66.940, 351.311



74, 65.858, 140.289



40, 5.294, 344.655



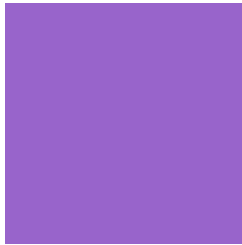
35, 61.379, 2.080



4, 19.871, 353.836

Previews

White Background



This preview shows how the CIELCh color 52, 61.414, 311.787 looks on a white background.

Color Contrast Check

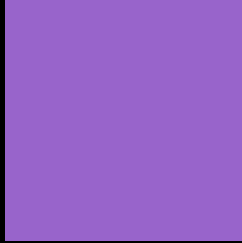
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.414, 311.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

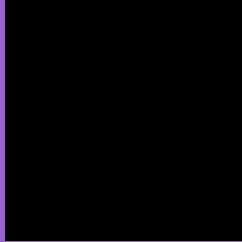
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 61.414, 311.787

Background



This preview shows how black text looks on a background with the CIELCh color 52, 61.414, 311.787.



This preview shows how white text looks on a background with the CIELCh color 52, 61.414, 311.787.

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



Original Color
52, 61.414, 311.787

Protanopia
52, 59.263, 286.701

Deuteranopia
52, 43.676, 280.428



Tritanopia
52, 9.594, 347.651

Trichromacy



Original Color
52, 61.414, 311.787

Protanomaly
51, 59.683, 294.623

Deuteranomaly
51, 49.366, 293.728

Tritanomaly
52, 27.727, 318.283

Monochromacy



Original Color
52, 61.414, 311.787

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 23.263, 310.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 61.414, 311.787 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(152, 100, 203)` looks like.

```
.text, #text, p{  
    color:rgb(152, 100, 203)  
}
```

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(152, 100, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 100, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 61.414, 311.787 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(152, 100, 203) }
```

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

```
.border{ border-color:rgb(152, 100, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 100, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 100, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 100, 203);  
box-shadow:4px 4px 4px 4px rgb(152, 100,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 61.414, 311.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 100, 203) }
```

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

```
.background{ background-color: rgb(152,  
100, 203) }
```

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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