

Converting Colors

CIELCh(52, 61.755, 305.990)

Have a look what the booklet for
CIELCh(52, 61.755, 305.990)
contains.

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Color

CIELCh(52, 61.526, 306.015)

Conversions

Conversions Part 1

Format	Color
Hex	8A69D2
RGB	138, 105, 210
RGB Percent	54%, 41%, 82%
CMY	0.4590, 0.5884, 0.1767
CMYK	0.34, 0.50, 0.00, 0.18
HSL	259°, 54%, 62%
HSV	259°, 50%, 82%
XYZ	27.1473, 20.1443, 63.3983
YIQ	126.8370, -14.0370, 39.6510

Conversions

Conversions Part 2

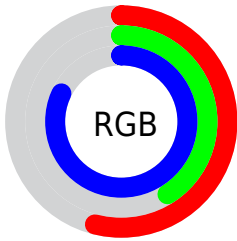
Format	Color
R _Y B	138, 105, 210
Decimal	9071058
CIE Lab	52.00, 36.18, -49.77
CIE LCh	52, 61.526, 306.015
Yxy	20.1443, 0.2453, 0.1820
Android (android.graphics.Color)	4287261138 (0xFF8A69D2)
YUV	126.8370, 40.9994, 9.7900
Hunter-Lab	44.8824, 29.4221, -52.3319

Details

The CIELCh color **52, 61.526, 306.015** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **80, 55.215, 119.587**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 54.832, 307.069**, and **32, 61.376, 305.819** is the 20% darker color. If you saturate the color by 10%, you get **46, 74.456, 306.903**, and if you desaturate by 10%, it is **58, 48.575, 305.140**.

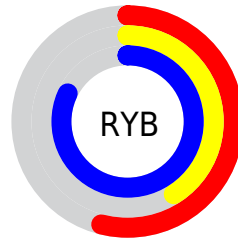
Distribution



Red (54%)

Green (41%)

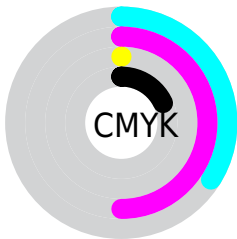
Blue (82%)



Red (54%)

Yellow (41%)

Blue (82%)

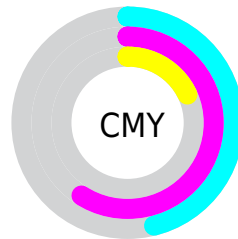


Cyan (34%)

Magenta (50%)

Yellow (0%)

Black (18%)



Cyan (46%)


Magenta (59%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 61.526, 306.015 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, 61.526, 306.015 by changing the saturation by 10% instead.


 52, 61.526,
306.015


 52, 61.526,
306.015


 100, 61.526,
306.015


 42, 61.526,
306.015


 72, 61.526,
306.015

 32, 61.526,
306.015

 82, 61.526,
306.015

 22, 61.526,
306.015

 92, 61.526,
306.015

 12, 61.526,
306.015

 2, 61.526, 306.015

 0, 61.526, 306.015

52, 61.526,
306.015

52, 61.526,
306.015

46, 74.456,
306.903

58, 48.575,
305.140

40, 86.875,
307.724

65, 35.863,
304.321

35, 97.945,
308.347

71, 23.509,
303.577

32, 106.504,
308.599

78, 11.558,
302.914

29, 111.986,
308.437

84, 0.019, 299.415

91, 11.117,
121.835

97, 21.868,
121.393

99, 22.769,
110.203

 99, 22.753,
108.453

Harmonies

Complementary

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



52, 61.526, 306.015



80, 55.215, 119.587

Rectangle

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



52, 61.526, 306.015



52, 61.526, 356.015



52, 61.526, 126.015



52, 61.526, 176.015

Sweetspot

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



52, 61.525, 306.015



89, 20.464, 303.246



69, 27.124, 238.045



46, 14.013, 303.390



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, 61.525, 306.015



55, 87.193, 306.961



58, 64.274, 320.924



41, 6.524, 302.876



22, 94.814, 308.581



2, 26.009, 301.234

Inverse Universe

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



59, 53.875, 338.861



66, 73.441, 339.971



77, 63.044, 135.897



41, 6.172, 335.484



37, 67.110, 345.788



5, 24.444, 341.772

Previews

White Background



This preview shows how the CIELCh color 52, 61.526, 306.015 looks on a white background.

Color Contrast Check

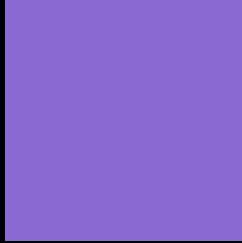
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.526, 306.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

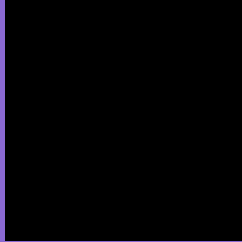
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 61.526, 306.015

Background



This preview shows how black text looks on a background with the CIELCh color 52, 61.526, 306.015.

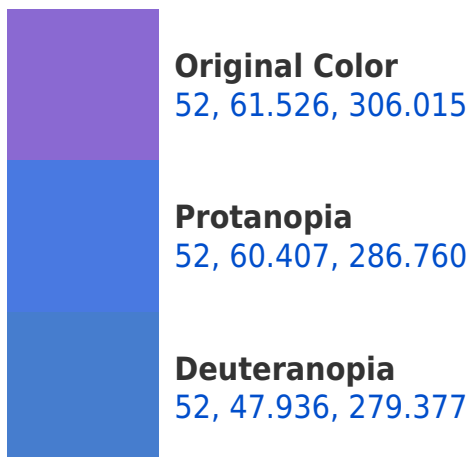



This preview shows how white text looks on a background with the CIELCh color 52, 61.526, 306.015.

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, 5.821, 287.119

Trichromacy



Original Color
52, 61.526, 306.015

Protanomaly
52, 60.763, 292.937

Deuteranomaly
52, 51.694, 289.473

Tritanomaly
51, 26.670, 302.500

Monochromacy



Original Color
52, 61.526, 306.015

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 22.593, 303.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 61.526, 306.015 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(138, 105, 210)` looks like.

```
.text, #text, p{  
    color:rgb(138, 105, 210)  
}
```

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(138, 105, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 105, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 61.526, 306.015 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(138, 105, 210) }
```

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

```
.border{ border-color:rgb(138, 105, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 105, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 105, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 105, 210);  
box-shadow:4px 4px 4px 4px rgb(138, 105,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 61.526, 306.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 105, 210) }
```

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

```
.background{ background-color: rgb(138,  
105, 210) }
```

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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