

Converting Colors

CIELCh(52, 26.497, 331.444)

Have a look what the booklet for
CIELCh(52, 26.497, 331.444)
contains.

CIELCh(52, 26.762, 331.651)	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>	27

Color

CIELCh(52, 26.762, 331.651)

Conversions

Conversions Part 1

Format	Color
Hex	9A6E92
RGB	154, 110, 146
RGB Percent	60%, 43%, 57%
CMY	0.3955, 0.5681, 0.4269
CMYK	0.00, 0.29, 0.05, 0.40
HSL	311°, 18%, 52%
HSV	311°, 29%, 60%
XYZ	24.1430, 20.1443, 29.8669
YIQ	127.2600, 14.6680, 20.5240

Conversions

Conversions Part 2

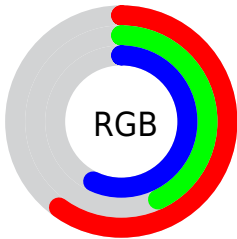
Format	Color
R_{YB}	154, 110, 146
Decimal	10120850
CIE _{Lab}	52.00, 23.55, -12.71
CIE _{LCh}	52, 26.762, 331.651
Yxy	20.1443, 0.3256, 0.2717
Android (android.graphics.Color)	4288310930 (0xFF9A6E92)
YUV	127.2600, 9.2388, 23.4510
Hunter-Lab	44.8824, 17.4738, -8.0366

Details

The CIELCh color $52, 26.762, 331.651$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 26.664, 147.841$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 26.837, 331.638$, and $32, 26.198, 331.991$ is the 20% darker color. If you saturate the color by 10%, you get $48, 35.934, 332.304$, and if you desaturate by 10%, it is $56, 17.373, 331.013$.

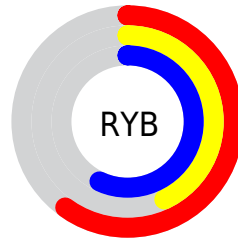
Distribution



Red (60%)

Green (43%)

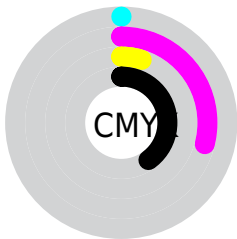
Blue (57%)



Red (60%)

Yellow (43%)

Blue (57%)

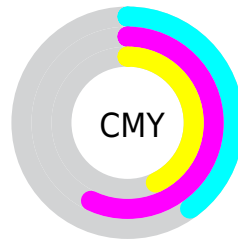


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (40%)



Cyan (40%)


Magenta (57%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 26.762, 331.651 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, 26.762, 331.651 by changing the saturation by 10% instead.


 52, 26.762,
331.651


 52, 26.762,
331.651


 100, 26.762,
331.651


 42, 26.762,
331.651


 72, 26.762,
331.651

 32, 26.762,
331.651

 82, 26.762,
331.651

 22, 26.762,
331.651

 92, 26.762,
331.651

 12, 26.762,
331.651

 2, 26.762, 331.651

 0, 26.762, 331.651

52, 26.762,
331.651

52, 26.762,
331.651

48, 35.934,
332.304

56, 17.373,
331.013

45, 44.626,
332.971

60, 7.966, 330.381

42, 52.494,
333.654

64, 1.332, 150.008

69, 10.442,
149.275

39, 59.142,
334.361

73, 19.316,
148.720

37, 64.183,
335.106

77, 27.933,
148.199

36, 67.344,
335.913


82, 36.288,
147.706

35, 68.827,
336.796

86, 44.385,
147.241

35, 69.016,

336.924

 91, 52.234,
146.803

Harmonies

Complementary

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



52, 26.762, 331.651



60, 26.664, 147.841

Rectangle

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



52, 26.762, 331.651



52, 26.762, 21.651



52, 26.762, 151.651



52, 26.762, 201.651

Sweetspot

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



52, 26.760, 331.651



76, 10.434, 330.422



49, 26.118, 299.144



40, 7.315, 330.509



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



52, 26.760, 331.651



64, 39.536, 332.050



51, 19.799, 356.670



30, 5.237, 330.424



31, 64.487, 336.839



1, 5.571, 330.365

Inverse Universe

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



52, 26.760, 331.651



64, 39.536, 332.050



60, 18.416, 170.963



30, 5.237, 330.424



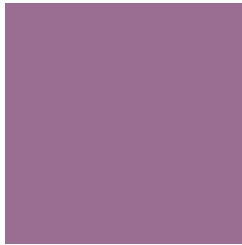
31, 64.487, 336.839



1, 5.571, 330.365

Previews

White Background



This preview shows how the CIELCh color 52, 26.762, 331.651 looks on a white background.

Color Contrast Check

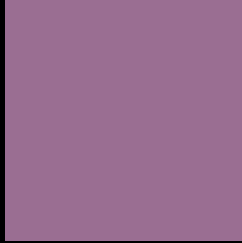
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.762, 331.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

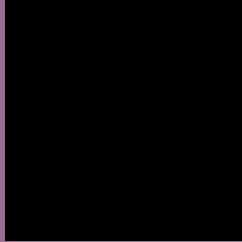
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 26.762, 331.651

Background



This preview shows how black text looks on a background with the CIELCh color 52, 26.762, 331.651.



This preview shows how white text looks on a background with the CIELCh color 52, 26.762, 331.651.

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, 26.762, 331.651

Protanopia

52, 18.647, 285.946

Deuteranopia

52, 13.608, 301.353



Tritanopia
52, 16.037, 2.539

Trichromacy



Original Color
52, 26.762, 331.651

Protanomaly
52, 20.445, 306.074

Deuteranomaly
52, 18.045, 316.976

Tritanomaly
52, 18.750, 348.128

Monochromacy



Original Color
52, 26.762, 331.651

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 9.862, 330.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 26.762, 331.651 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(154, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(154, 110, 146)  
}
```

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(154, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 110, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 26.762, 331.651 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(154, 110, 146) }
```

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

```
.border{ border-color:rgb(154, 110, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 110, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(154, 110,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 26.762, 331.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 110, 146) }
```

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

```
.background{ background-color: rgb(154,  
110, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor