

Converting Colors

CIELCh(52, 27.089, 331.114)

Have a look what the booklet for
CIELCh(52, 27.089, 331.114)
contains.

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Color

CIELCh(52, 27.185, 330.851)

Conversions

Conversions Part 1

Format	Color
Hex	9A6E93
RGB	154, 110, 147
RGB Percent	60%, 43%, 58%
CMY	0.3959, 0.5684, 0.4233
CMYK	0.00, 0.29, 0.05, 0.40
HSL	310°, 18%, 52%
HSV	310°, 29%, 60%
XYZ	24.1864, 20.1443, 30.2363
YIQ	127.3740, 14.3470, 20.8350

Conversions

Conversions Part 2

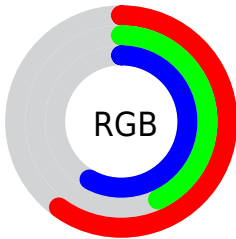
Format	Color
RYB	154, 110, 147
Decimal	10120851
CIELab	52.00, 23.74, -13.24
CIELCh	52, 27.185, 330.851
Yxy	20.1443, 0.3244, 0.2702
Android (android.graphics.Color)	4288310931 (0xFF9A6E93)
YUV	127.3740, 9.6756, 23.3510
Hunter-Lab	44.8824, 17.6465, -8.5247

Details

The CIELCh color $52, 27.185, 330.851$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 27.108, 147.104$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 27.238, 330.887$, and $32, 26.649, 331.098$ is the 20% darker color. If you saturate the color by 10%, you get $48, 36.490, 331.480$, and if you desaturate by 10%, it is $56, 17.656, 330.231$.

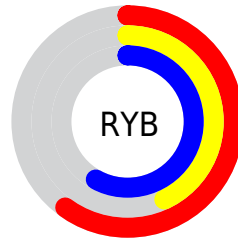
Distribution



Red (60%)

Green (43%)

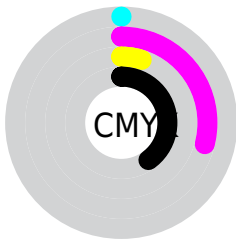
Blue (58%)



Red (60%)

Yellow (43%)

Blue (58%)

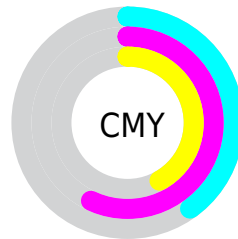


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (40%)



Cyan (40%)


Magenta (57%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 27.185, 330.851 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, 27.185, 330.851 by changing the saturation by 10% instead.


 52, 27.185,
330.851


 52, 27.185,
330.851


 100, 27.185,
330.851


 42, 27.185,
330.851


 72, 27.185,
330.851

 32, 27.185,
330.851

 82, 27.185,
330.851

 22, 27.185,
330.851

 92, 27.185,
330.851

 12, 27.185,
330.851

 2, 27.185, 330.851

 0, 27.185, 330.851

52, 27.185,
330.851

52, 27.185,
330.851

48, 36.490,
331.480

56, 17.656,
330.231

45, 45.305,
332.116

60, 8.104, 329.613

42, 53.283,
332.757

64, 1.341, 149.244

39, 60.029,
333.407

69, 10.596,
148.523

37, 65.160,
334.076

73, 19.614,
147.975

36, 68.406,
334.782

77, 28.372,
147.460


35, 69.973,
335.537

82, 36.863,
146.972

35, 70.172,

86, 45.092,
146.512

335.646

 90, 53.068,
146.078

Harmonies

Complementary

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



52, 27.185, 330.851



60, 27.108, 147.104

Rectangle

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



52, 27.185, 330.851



52, 27.185, 20.851



52, 27.185, 150.851



52, 27.185, 200.851

Sweetspot

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



52, 27.183, 330.851



76, 10.603, 329.652



49, 26.094, 298.581



40, 7.433, 329.737



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, 27.183, 330.851



64, 40.157, 331.235



51, 19.948, 355.539



30, 5.321, 329.654



32, 65.588, 335.575



1, 5.664, 329.577

Inverse Universe

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



52, 27.183, 330.851



64, 40.157, 331.235



60, 18.639, 169.864



30, 5.321, 329.654



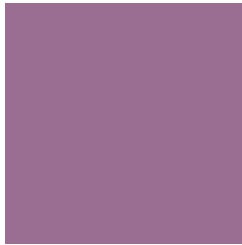
32, 65.588, 335.575



1, 5.664, 329.577

Previews

White Background



This preview shows how the CIELCh color 52, 27.185, 330.851 looks on a white background.

Color Contrast Check

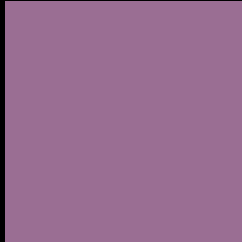
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.185, 330.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

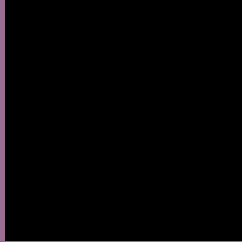
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 27.185, 330.851

Background



This preview shows how black text looks on a background with the CIELCh color 52, 27.185, 330.851.



This preview shows how white text looks on a background with the CIELCh color 52, 27.185, 330.851.

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, 27.185, 330.851

Protanopia

52, 19.253, 285.208

Deuteranopia

52, 14.123, 299.500



Tritanopia
52, 16.037, 2.539

Trichromacy



Original Color
52, 27.185, 330.851

Protanomaly
52, 20.928, 304.739

Deuteranomaly
52, 18.418, 315.111

Tritanomaly
52, 19.040, 346.635

Monochromacy



Original Color
52, 27.185, 330.851

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, 27.185, 330.851 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(154, 110, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 110, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 27.185, 330.851 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, 147) }
```

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

```
.border{ border-color:rgb(154, 110, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 110, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 110, 147);  
box-shadow:4px 4px 4px 4px rgb(154, 110,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 27.185, 330.851 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, 147) }
```

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

```
.background{ background-color: rgb(154,  
110, 147) }
```

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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