

Converting Colors

CIELCh(44, 58.113, 323.040)

Have a look what the booklet for
CIELCh(44, 58.113, 323.040)
contains.

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Color

CIELCh(44, 58.377, 322.846)

Conversions

Conversions Part 1

Format	Color
Hex	9648A3
RGB	150, 72, 163
RGB Percent	59%, 28%, 64%
CMY	0.4106, 0.7165, 0.3596
CMYK	0.08, 0.56, 0.00, 0.36
HSL	291°, 39%, 46%
HSV	291°, 56%, 64%
XYZ	21.6053, 13.8382, 36.3205
YIQ	105.6960, 17.2770, 44.8370

Conversions

Conversions Part 2

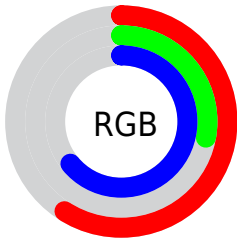
Format	Color
RYB	150, 72, 163
Decimal	9848995
CIELab	44.00, 46.53, -35.26
CIElCh	44, 58.377, 322.846
Yxy	13.8382, 0.3011, 0.1928
Android (android.graphics.Color)	4288039075 (0xFF9648A3)
YUV	105.6960, 28.2509, 38.8546
Hunter-Lab	37.1997, 38.5717, -31.8489

Details

The CIELCh color $44, 58.377, 322.846$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $61, 57.777, 136.926$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 58.290, 322.902$, and $24, 58.684, 322.643$ is the 20% darker color. If you saturate the color by 10%, you get $41, 67.051, 323.089$, and if you desaturate by 10%, it is $48, 48.643, 322.507$.

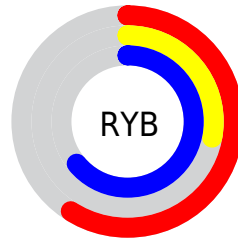
Distribution



Red (59%)

Green (28%)

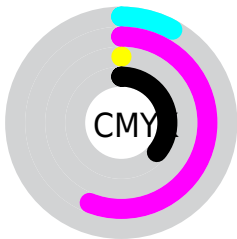
Blue (64%)



Red (59%)

Yellow (28%)

Blue (64%)

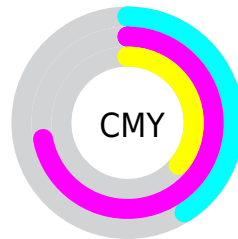


Cyan (8%)

Magenta (56%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (72%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 58.377, 322.846 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 44, 58.377, 322.846 by changing the saturation by 10% instead.


 44, 58.377,
322.846

 44, 58.377,
322.846


 100, 58.377,
322.846

 34, 58.377,
322.846

 64, 58.377,
322.846

 24, 58.377,
322.846

 74, 58.377,
322.846

 14, 58.377,
322.846

 84, 58.377,
322.846

 4, 58.377, 322.846

 94, 58.377,
322.846

 0, 58.377, 322.846

 44, 58.377,

 44, 58.377,

322.846

41, 67.051,
323.089

38, 74.217,
323.203

36, 79.471,
323.155

35, 82.642,
322.927

34, 83.722,
322.809

322.846

48, 48.643,
322.507

52, 38.265,
322.104

56, 27.564,
321.662

60, 16.779,
321.201

64, 6.071, 320.723

69, 4.456, 140.349

74, 14.740,
139.888

78, 24.749,
139.474

■ 83, 34.467,
139.088

Harmonies

Complementary

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



44, 58.377, 322.846



61, 57.777, 136.926

Rectangle

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



44, 58.377, 322.846



44, 58.377, 12.846



44, 58.377, 142.846



44, 58.377, 192.846

Sweetspot

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



44, 58.375, 322.846



75, 22.412, 321.275



39, 47.191, 292.443



39, 15.126, 321.363



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



44, 58.375, 322.846



52, 83.683, 323.131



44, 47.305, 341.137



32, 6.002, 320.896



30, 76.860, 322.860



1, 9.172, 319.366

Inverse Universe

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



43, 40.376, 15.700



51, 60.182, 19.311



61, 46.710, 150.856



32, 3.688, 8.444



30, 62.821, 32.368



1, 5.573, 8.779

Previews

White Background



This preview shows how the CIELCh color 44, 58.377, 322.846 looks on a white 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

Black Background



This preview shows how the CIE LCh color 44, 58.377, 322.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

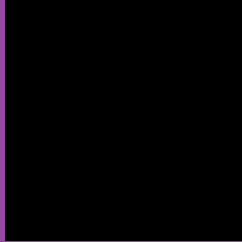
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 58.377, 322.846

Background



This preview shows how black text looks on a background with the CIELCh color 44, 58.377, 322.846.

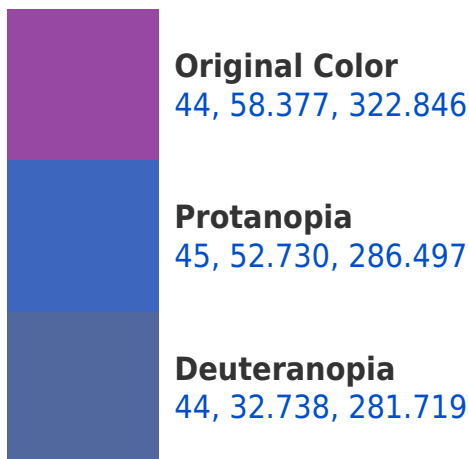


This preview shows how white text looks on a background with the CIELCh color 44, 58.377, 322.846.

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
44, 22.477, 12.139

Trichromacy



Original Color
44, 58.377, 322.846

Protanomaly
43, 53.385, 297.826

Deuteranomaly
43, 41.219, 301.928

Tritanomaly
44, 32.031, 341.297

Monochromacy



Original Color
44, 58.377, 322.846

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 22.608, 321.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 58.377, 322.846 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(150, 72, 163)` looks like.

```
.text, #text, p{  
    color:rgb(150, 72, 163)  
}
```

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(150, 72, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 72, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 58.377, 322.846 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(150, 72, 163) }
```

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

```
.border{ border-color:rgb(150, 72, 163) }
```

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

Here you see how a box with a 4 pixel rgb(150, 72, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 72, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 72, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 72,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 58.377, 322.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 72, 163) }
```

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

```
.background{ background-color: rgb(150, 72,  
163) }
```

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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