

Converting Colors

CIELCh(58, 92.088, 327.779)

Have a look what the booklet for
CIELCh(58, 92.088, 327.779)
contains.

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Color

CIELCh(58, 92.105, 327.781)

Conversions

Conversions Part 1

Format	Color
Hex	E344E3
RGB	227, 68, 227
RGB Percent	89%, 27%, 89%
CMY	0.1104, 0.7339, 0.1103
CMYK	0.00, 0.70, 0.00, 0.11
HSL	300°, 74%, 58%
HSV	300°, 70%, 89%
XYZ	47.5370, 25.9610, 75.0802
YIQ	133.6670, 43.7250, 83.1570

Conversions

Conversions Part 2

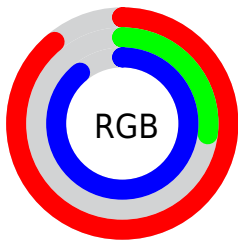
Format	Color
R _{YB}	227, 68, 227
Decimal	14894307
CIE _{Lab}	58.00, 77.92, -49.11
CIE _{LCh}	58, 92.105, 327.781
Yxy	25.9610, 0.3199, 0.1747
Android (android.graphics.Color)	4293084387 (0xFFE344E3)
YUV	133.6670, 46.0132, 81.8530
Hunter-Lab	50.9519, 77.3706, -51.7004

Details

The CIELCh color **58, 92.105, 327.781** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **80, 93.788, 138.058**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 76.857, 327.036**, and **40, 85.725, 327.544** is the 20% darker color. If you saturate the color by 10%, you get **56, 99.256, 328.018**, and if you desaturate by 10%, it is **61, 82.462, 327.455**.

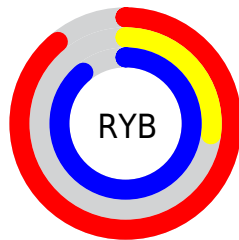
Distribution



Red (89%)

Green (27%)

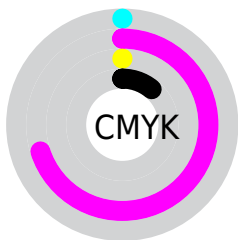
Blue (89%)



Red (89%)

Yellow (27%)

Blue (89%)

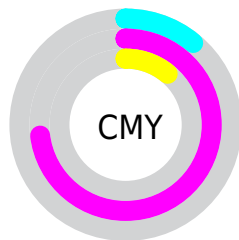


Cyan (0%)

Magenta (70%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (73%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 92.105, 327.781 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 58, 92.105, 327.781 by changing the saturation by 10% instead.


 58, 92.105,
327.781


 58, 92.105,
327.781


 100, 92.105,
327.781


 48, 92.105,
327.781


 78, 92.105,
327.781

 38, 92.105,
327.781

 88, 92.105,
327.781

 28, 92.105,
327.781

 98, 92.105,
327.781

 18, 92.105,
327.781

 8, 92.105, 327.781

 0, 92.105, 327.781

58, 92.105,
327.781

58, 92.105,
327.781

56, 99.256,
328.018

61, 82.462,
327.455

54, 103.693,
328.163

65, 70.808,
327.051

54, 105.793,
328.231

69, 57.708,
326.585

74, 43.697,
326.074

79, 29.225,
325.534

84, 14.628,
324.976

90, 0.144, 322.470

96, 14.074,
143.928

■ 97, 17.568,
143.792

Harmonies

Complementary

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



58, 92.105, 327.781



80, 93.788, 138.058

Rectangle

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



58, 92.105, 327.781



58, 92.105, 17.781



58, 92.105, 147.781



58, 92.105, 197.781

Sweetspot

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



58, 92.102, 327.781



87, 33.585, 325.591



40, 92.853, 301.423



45, 22.731, 325.743



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 92.102, 327.781



62, 110.951, 328.094



55, 68.222, 351.636



44, 8.154, 324.938



42, 87.490, 328.231



8, 35.926, 328.227

Inverse Universe

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



53, 70.902, 30.602



55, 93.369, 35.718



81, 65.772, 154.274



44, 4.728, 19.930



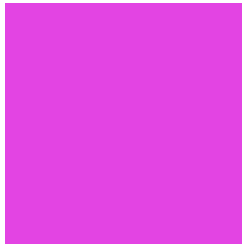
36, 79.111, 39.951



6, 25.541, 20.937

Previews

White Background



This preview shows how the CIELCh color 58, 92.105, 327.781 looks on a white background.

Color Contrast Check

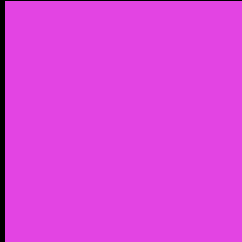
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 92.105, 327.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

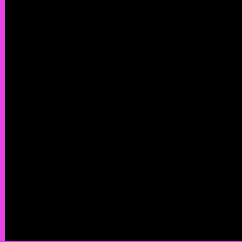
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 92.105, 327.781

Background



This preview shows how black text looks on a background with the CIELCh color 58, 92.105, 327.781.

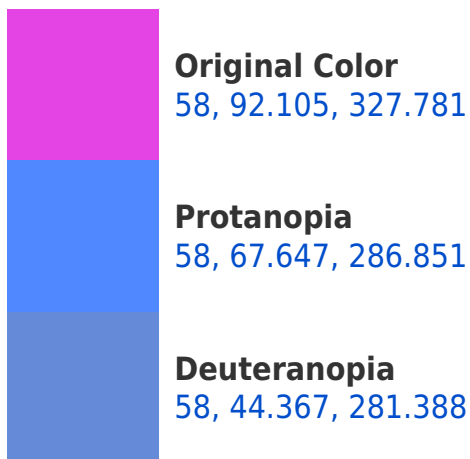


This preview shows how white text looks on a background with the CIELCh color 58, 92.105, 327.781.

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
58, 45.946, 20.542

Trichromacy



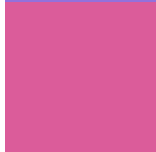
Original Color
58, 92.105, 327.781



Protanomaly
55, 76.627, 302.468



Deuteranomaly
55, 62.074, 306.009



Tritanomaly
57, 56.644, 351.109

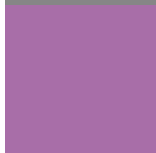
Monochromacy



Original Color
58, 92.105, 327.781



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 39.171, 326.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 92.105, 327.781 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(227, 68, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 68, 227)  
}
```

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(227, 68, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 68, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 92.105, 327.781 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(227, 68, 227) }
```

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

```
.border{ border-color:rgb(227, 68, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 68, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 68, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 68, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 68,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 92.105, 327.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 68, 227) }
```

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

```
.background{ background-color: rgb(227, 68,  
227) }
```

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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