

Converting Colors

CIELCh(58, 92.871, 328.635)

Have a look what the booklet for
CIELCh(58, 92.871, 328.635)
contains.

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Color

CIELCh(58, 92.943, 328.626)

Conversions

Conversions Part 1

Format	Color
Hex	E641E2
RGB	230, 65, 226
RGB Percent	90%, 25%, 89%
CMY	0.0995, 0.7468, 0.1152
CMYK	0.00, 0.72, 0.02, 0.10
HSL	301°, 76%, 58%
HSV	301°, 72%, 90%
XYZ	48.0531, 25.9610, 74.1683
YIQ	132.6890, 46.6590, 85.0510

Conversions

Conversions Part 2

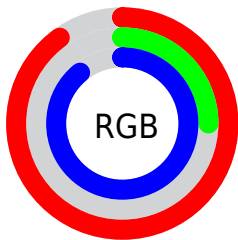
Format	Color
R _{YB}	230, 65, 226
Decimal	15090146
CIE _{Lab}	58.00, 79.35, -48.39
CIE _{LCh}	58, 92.943, 328.626
Yxy	25.9610, 0.3243, 0.1752
Android (android.graphics.Color)	4293280226 (0xFFE641E2)
YUV	132.6890, 46.0023, 85.3417
Hunter-Lab	50.9519, 79.1788, -50.6393

Details

The CIELCh color **58, 92.943, 328.626** 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 **81, 95.161, 138.359**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 77.396, 327.054**, and **40, 85.291, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **56, 99.497, 328.904**, and if you desaturate by 10%, it is **61, 83.809, 328.271**.

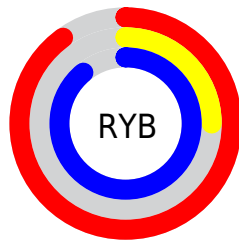
Distribution



Red (90%)

Green (25%)

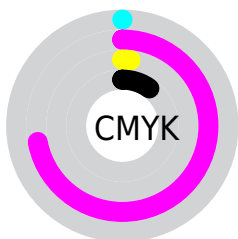
Blue (89%)



Red (90%)

Yellow (25%)

Blue (89%)

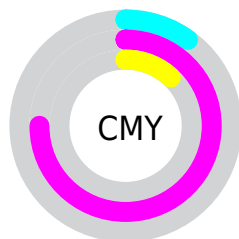


Cyan (0%)

Magenta (72%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (75%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 92.943, 328.626 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, 92.943, 328.626 by changing the saturation by 10% instead.


 58, 92.943,
328.626

 58, 92.943,
328.626


 100, 92.943,
328.626

 48, 92.943,
328.626

 78, 92.943,
328.626

 38, 92.943,
328.626

 88, 92.943,
328.626

 28, 92.943,
328.626

 98, 92.943,
328.626

 18, 92.943,
328.626

 8, 92.943, 328.626

 0, 92.943, 328.626

58, 92.943,
328.626

58, 92.943,
328.626

56, 99.497,
328.904

61, 83.809,
328.271

55, 103.300,
329.107

65, 72.557,
327.847

54, 104.734,
329.228

69, 59.754,
327.366


74, 45.954,
326.845

79, 31.625,
326.297

84, 17.122,
325.733

90, 2.698, 325.086

96, 11.481,
144.674

 98, 15.415,
144.933

Harmonies

Complementary

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



58, 92.943, 328.626



81, 95.161, 138.359

Rectangle

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



58, 92.943, 328.626



58, 92.943, 18.626



58, 92.943, 148.626



58, 92.943, 198.626

Sweetspot

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



58, 92.940, 328.626



87, 34.620, 326.310



39, 97.755, 302.535



44, 23.258, 326.462



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, 92.940, 328.626



61, 109.972, 329.007



55, 69.074, 354.436



45, 8.171, 325.593



42, 86.778, 329.211



8, 36.521, 329.057

Inverse Universe

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



58, 92.940, 328.626



61, 109.972, 329.007



82, 65.616, 155.640



45, 8.171, 325.593



42, 86.778, 329.211



8, 36.521, 329.057

Previews

White Background



This preview shows how the CIELCh color 58, 92.943, 328.626 looks on a white background.

Color Contrast Check

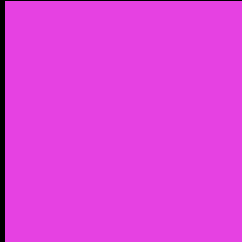
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.943, 328.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

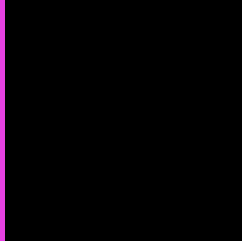
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 92.943, 328.626

Background



This preview shows how black text looks on a background with the CIELCh color 58, 92.943, 328.626.

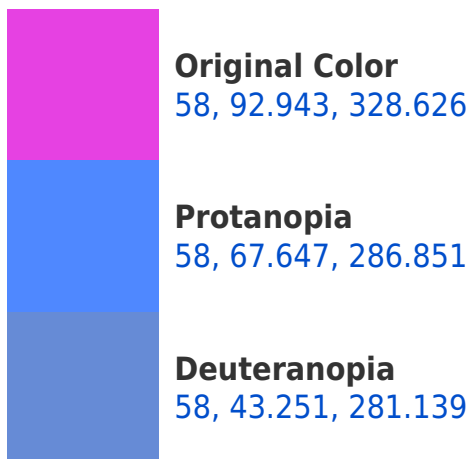


This preview shows how white text looks on a background with the CIELCh color 58, 92.943, 328.626.

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, 48.146, 21.130

Trichromacy



Original Color
58, 92.943, 328.626



Protanomaly
55, 76.702, 302.878



Deuteranomaly
55, 61.657, 306.656



Tritanomaly
57, 58.197, 352.113

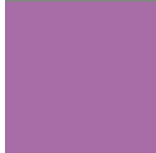
Monochromacy



Original Color
58, 92.943, 328.626



Achromatopsia
55, 0.007, 296.813



Achromatomaly
53, 40.074, 326.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 92.943, 328.626 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(230, 65, 226)` looks like.

```
.text, #text, p{  
    color:rgb(230, 65, 226)  
}
```

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(230, 65, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 65, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 92.943, 328.626 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(230, 65, 226) }
```

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

```
.border{ border-color:rgb(230, 65, 226) }
```

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

Here you see how a box with a 4 pixel rgb(230, 65, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 65, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 65, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 65,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 92.943, 328.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 65, 226) }
```

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

```
.background{ background-color: rgb(230, 65,  
226) }
```

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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