

Converting Colors

CIELCh(58, 102.540, 335.317)

Have a look what the booklet for
CIELCh(58, 102.540, 335.317)
contains.

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Color

CIELCh(58, 102.273, 335.403)

Conversions

Conversions Part 1

Format	Color
Hex	FE00D8
RGB	254, 0, 216
RGB Percent	100%, 0%, 85%
CMY	0.0047, 1.0000, 0.1537
CMYK	0.00, 1.00, 0.15, 0.00
HSL	309°, 100%, 50%
HSV	309°, 100%, 100%
XYZ	53.1603, 25.9610, 67.0516
YIQ	100.5700, 82.0480, 121.0240

Conversions

Conversions Part 2

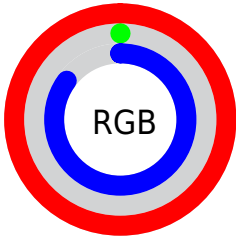
Format	Color
RYB	254, 0, 216
Decimal	16646360
CIELab	58.00, 92.99, -42.57
CIELCh	58, 102.273, 335.403
Yxy	25.9610, 0.3637, 0.1776
Android (android.graphics.Color)	4294836440 (0xFFFE00D8)
YUV	100.5700, 56.9070, 134.5581
Hunter-Lab	50.9519, 97.0707, -42.3579

Details

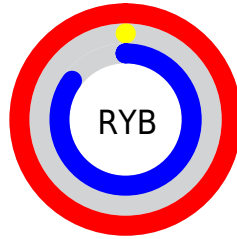
The CIELCh color **58, 102.273, 335.403** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **87, 115.546, 137.354**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **44, 82.271, 335.924** is the 20% darker color. If you saturate the color by 10%, you get **58, 102.209, 335.405**, and if you desaturate by 10%, it is **59, 101.196, 334.638**.

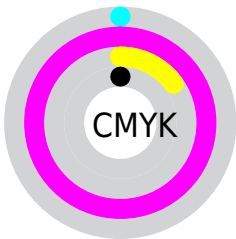
Distribution



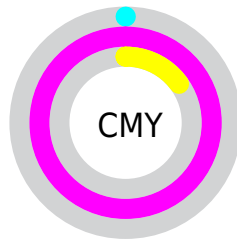
- Red (100%)
- Green (0%)
- Blue (85%)



- Red (100%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 102.273, 335.403 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, 102.273, 335.403 by changing the saturation by 10% instead.


 58, 102.273,
335.403


 58, 102.273,
335.403


 100, 102.273,
335.403


 48, 102.273,
335.403


 78, 102.273,
335.403


 38, 102.273,
335.403


 88, 102.273,
335.403

 28, 102.273,
335.403

 98, 102.273,
335.403

 18, 102.273,
335.403

 8, 102.273,
335.403

 0, 102.273,
335.403

■ 58, 102.273,
335.403

■ 58, 102.273,
335.403

■ 58, 102.209,
335.405

■ 59, 101.196,
334.638

■ 61, 97.533,
333.930

■ 63, 90.867,
333.261

■ 67, 81.501,
332.610

■ 71, 70.000,
331.963

■ 76, 57.005,
331.319

■ 81, 43.101,
330.677

■ 87, 28.758,

330.041

■ 93, 14.317,
329.409

Harmonies

Complementary

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



58, 102.273, 335.403



87, 115.546, 137.354

Rectangle

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



58, 102.273, 335.403



58, 102.273, 25.403



58, 102.273, 155.403



58, 102.273, 205.403

Sweetspot

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



58, 102.209, 335.405



82, 43.266, 330.678



33, 132.463, 306.695



41, 29.448, 330.948



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, 102.209, 335.405



58, 102.572, 335.407



54, 85.480, 16.069



50, 8.168, 329.378



44, 82.782, 335.264



12, 38.618, 334.293

Inverse Universe

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



58, 102.209, 335.405



58, 102.572, 335.407



89, 77.074, 156.472



50, 8.168, 329.378



44, 82.782, 335.264



12, 38.618, 334.293

Previews

White Background



This preview shows how the CIE LCh color 58, 102.273, 335.403 looks on a white background.

Color Contrast Check

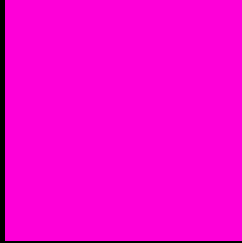
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 58, 102.273, 335.403 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, 102.273, 335.403

Background



This preview shows how black text looks on a background with the CIELCh color 58, 102.273, 335.403.

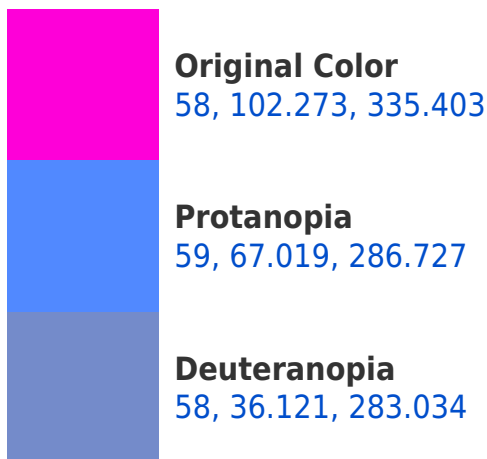


This preview shows how white text looks on a background with the CIELCh color 58, 102.273, 335.403.

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, 68.086, 26.934

Trichromacy



Original Color
58, 102.273, 335.403



Protanomaly
51, 88.666, 308.712



Deuteranomaly
51, 71.261, 316.668



Tritanomaly
56, 75.610, 0.847

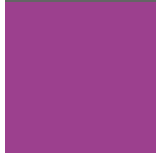
Monochromacy



Original Color
58, 102.273, 335.403



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 54.384, 332.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 102.273, 335.403 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(254, 0, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 216)  
}
```

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(254, 0, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 102.273, 335.403 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(254, 0, 216) }
```

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

```
.border{ border-color:rgb(254, 0, 216) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 0, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 0,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 102.273, 335.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 216) }
```

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

```
.background{ background-color: rgb(254, 0,  
216) }
```

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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