

Converting Colors

CIELCh(57, 92.155, 327.525)

Have a look what the booklet for
CIELCh(57, 92.155, 327.525)
contains.

CIELCh(57, 92.269, 327.402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 92.269, 327.402)

Conversions

Conversions Part 1

Format	Color
Hex	DF41E1
RGB	223, 65, 225
RGB Percent	87%, 25%, 88%
CMY	0.1253, 0.7448, 0.1174
CMYK	0.01, 0.71, 0.00, 0.12
HSL	299°, 73%, 57%
HSV	299°, 71%, 88%
XYZ	45.9388, 24.9227, 73.6597
YIQ	130.4820, 42.8080, 83.2560

Conversions

Conversions Part 2

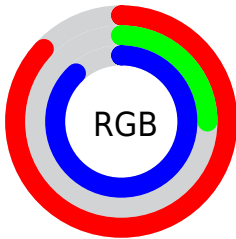
Format	Color
R _Y B	223, 65, 225
Decimal	14631393
CIE Lab	57.00, 77.73, -49.71
CIE LCh	57, 92.269, 327.402
Yxy	24.9227, 0.3179, 0.1725
Android (android.graphics.Color)	4292821473 (0xFFDF41E1)
YUV	130.4820, 46.5974, 81.1383
Hunter-Lab	49.9226, 76.8911, -52.5352

Details

The CIELCh color **57, 92.269, 327.402** 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 **79, 93.892, 137.794**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 77.932, 327.071**, and **39, 85.036, 327.075** is the 20% darker color. If you saturate the color by 10%, you get **55, 99.176, 327.606**, and if you desaturate by 10%, it is **60, 82.859, 327.102**.

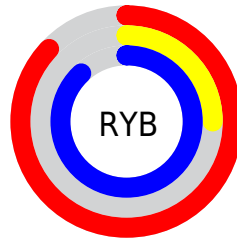
Distribution



Red (87%)

Green (25%)

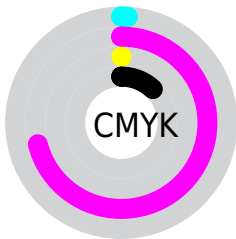
Blue (88%)



Red (87%)

Yellow (25%)

Blue (88%)

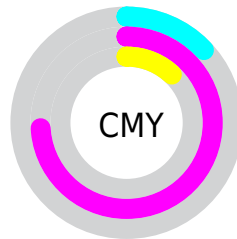


Cyan (1%)

Magenta (71%)

Yellow (0%)

Black (12%)



Cyan (13%)


Magenta (74%)


Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 92.269, 327.402 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 57, 92.269, 327.402 by changing the saturation by 10% instead.


 57, 92.269,
327.402


 57, 92.269,
327.402

 100, 92.269,
327.402


 47, 92.269,
327.402

 77, 92.269,
327.402

 37, 92.269,
327.402

 87, 92.269,
327.402

 27, 92.269,
327.402

 97, 92.269,
327.402

 17, 92.269,
327.402

 7, 92.269, 327.402

 0, 92.269, 327.402

57, 92.269,
327.402

57, 92.269,
327.402

55, 99.176,
327.606

60, 82.859,
327.102

54, 103.376,
327.710

64, 71.421,
326.718

53, 105.210,
327.733

68, 58.515,
326.267


73, 44.680,
325.769

78, 30.366,
325.240

83, 15.912,
324.693

89, 1.558, 323.991

95, 12.541,
143.662

 97, 18.600,
143.291

Harmonies

Complementary

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



57, 92.269, 327.402



79, 93.892, 137.794

Rectangle

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



57, 92.269, 327.402



57, 92.269, 17.402



57, 92.269, 147.402



57, 92.269, 197.402

Sweetspot

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



57, 92.266, 327.402



87, 33.464, 325.243



39, 93.620, 301.640



45, 22.651, 325.393



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 92.266, 327.402



61, 111.442, 327.665



54, 68.416, 351.850



44, 8.122, 324.600



41, 87.535, 327.741



8, 35.924, 327.812

Inverse Universe

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



52, 71.022, 30.119



55, 93.650, 35.428



80, 66.069, 154.099



44, 4.727, 18.923



36, 78.564, 39.443



6, 25.510, 20.416

Previews

White Background



This preview shows how the CIELCh color 57, 92.269, 327.402 looks on a white background.

Color Contrast Check

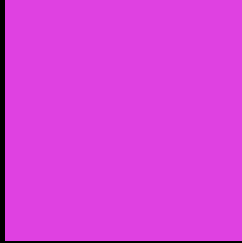
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 92.269, 327.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

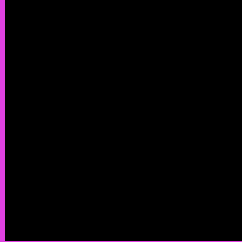
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 92.269, 327.402

Background



This preview shows how black text looks on a background with the CIELCh color 57, 92.269, 327.402.

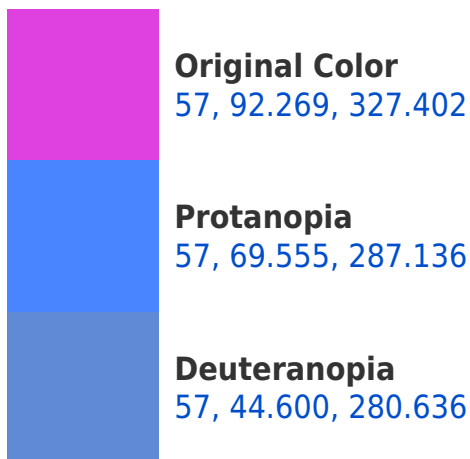


This preview shows how white text looks on a background with the CIELCh color 57, 92.269, 327.402.

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
57, 45.237, 20.440

Trichromacy



Original Color
57, 92.269, 327.402



Protanomaly
54, 77.967, 302.007



Deuteranomaly
54, 62.144, 305.222



Tritanomaly
56, 56.138, 350.615

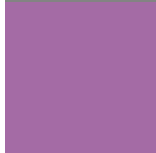
Monochromacy



Original Color
57, 92.269, 327.402



Achromatopsia
55, 0.007, 296.813



Achromatomaly
53, 39.116, 325.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 92.269, 327.402 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(223, 65, 225)` looks like.

```
.text, #text, p{  
    color:rgb(223, 65, 225)  
}
```

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(223, 65, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 65, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 92.269, 327.402 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(223, 65, 225) }
```

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

```
.border{ border-color:rgb(223, 65, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 65, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 65, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 65, 225);  
box-shadow:4px 4px 4px 4px rgb(223, 65,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 92.269, 327.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 65, 225) }
```

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

```
.background{ background-color: rgb(223, 65,  
225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor