

Converting Colors

CIELCh(52, 93.677, 335.597)

Have a look what the booklet for
CIELCh(52, 93.677, 335.597)
contains.

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Color

CIELCh(52, 93.678, 335.608)

Conversions

Conversions Part 1

Format	Color
Hex	E300C0
RGB	227, 0, 192
RGB Percent	89%, 0%, 75%
CMY	0.1097, 0.9994, 0.2470
CMYK	0.00, 1.00, 0.15, 0.11
HSL	309°, 100%, 45%
HSV	309°, 100%, 89%
XYZ	41.2050, 20.1443, 51.5994
YIQ	89.7610, 73.6600, 107.8360

Conversions

Conversions Part 2

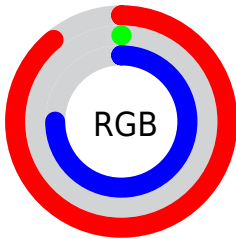
Format	Color
RYB	227, 0, 192
Decimal	14876864
CIELab	52.00, 85.32, -38.69
CIELCh	52, 93.678, 335.608
Yxy	20.1443, 0.3648, 0.1783
Android (android.graphics.Color)	4293066944 (0xFFE300C0)
YUV	89.7610, 50.4038, 120.3586
Hunter-Lab	44.8824, 85.3305, -36.7455

Details

The CIELCh color **52, 93.678, 335.608** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **79, 105.789, 137.515**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 90.369, 328.733**, and **38, 73.593, 336.520** is the 20% darker color. If you saturate the color by 10%, you get **52, 93.680, 335.613**, and if you desaturate by 10%, it is **53, 92.578, 334.824**.

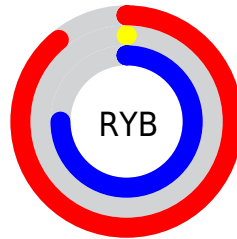
Distribution



Red (89%)

Green (0%)

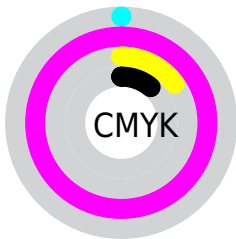
Blue (75%)



Red (89%)

Yellow (0%)

Blue (75%)

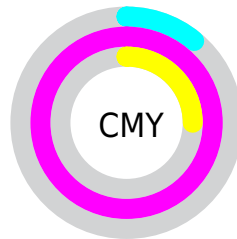


Cyan (0%)

Magenta (100%)

Yellow (15%)

Black (11%)



Cyan (11%)


Magenta (100%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 93.678, 335.608 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 52, 93.678, 335.608 by changing the saturation by 10% instead.


 52, 93.678,
335.608


 52, 93.678,
335.608


 100, 93.678,
335.608


 42, 93.678,
335.608


 72, 93.678,
335.608

 32, 93.678,
335.608

 82, 93.678,
335.608

 22, 93.678,
335.608

 92, 93.678,
335.608

 12, 93.678,
335.608

 2, 93.678, 335.608

 0, 93.678, 335.608

■ 52, 93.678,
335.608

■ 52, 93.678,
335.608

■ 52, 93.680,
335.613

■ 53, 92.578,
334.824

■ 54, 89.096,
334.102

■ 57, 82.893,
333.421

■ 60, 74.262,
332.762

■ 64, 63.721,
332.111

■ 69, 51.848,
331.463

■ 74, 39.168,
330.821

■ 79, 26.100,

330.185

■ 85, 12.949,
329.554

Harmonies

Complementary

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



52, 93.678, 335.608



79, 105.789, 137.515

Rectangle

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



52, 93.678, 335.608



52, 93.678, 25.608



52, 93.678, 155.608



52, 93.678, 205.608

Sweetspot

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



52, 93.675, 335.608



82, 43.129, 330.837



29, 121.493, 306.816



41, 29.355, 331.109



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 93.675, 335.608



58, 102.201, 335.669



48, 78.900, 17.257



45, 7.467, 329.524



41, 78.407, 335.478



8, 33.510, 334.199

Inverse Universe

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



52, 93.675, 335.608



58, 102.201, 335.669



80, 69.205, 157.797



45, 7.467, 329.524



41, 78.407, 335.478



8, 33.510, 334.199

Previews

White Background



This preview shows how the CIELCh color 52, 93.678, 335.608 looks on a white background.

Color Contrast Check

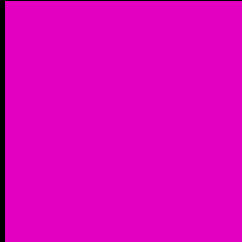
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 93.678, 335.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

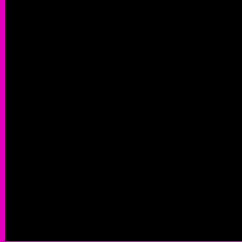
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 93.678, 335.608

Background



This preview shows how black text looks on a background with the CIELCh color 52, 93.678, 335.608.



This preview shows how white text looks on a background with the CIELCh color 52, 93.678, 335.608.

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



Original Color

52, 93.678, 335.608

Protanopia

53, 77.398, 287.962

Deuteranopia

53, 32.766, 283.159



Tritanopia
52, 62.128, 27.014

Trichromacy



Original Color
52, 93.678, 335.608



Protanomaly
44, 90.799, 303.590



Deuteranomaly
46, 64.394, 316.987



Tritanomaly
51, 69.310, 0.965

Monochromacy



Original Color
52, 93.678, 335.608



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 49.933, 332.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 93.678, 335.608 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, 0, 192)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 192)  
}
```

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, 0, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 93.678, 335.608 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, 0, 192) }
```

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

```
.border{ border-color:rgb(227, 0, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 0, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 192);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 93.678, 335.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 192) }
```

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

```
.background{ background-color: rgb(227, 0,  
192) }
```

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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