

Converting Colors

CIELCh(52, 94.086, 335.283)

Have a look what the booklet for
CIELCh(52, 94.086, 335.283)
contains.

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Color

CIELCh(52, 94.000, 335.361)

Conversions

Conversions Part 1

Format	Color
Hex	E300C1
RGB	227, 0, 193
RGB Percent	89%, 0%, 76%
CMY	0.1103, 1.0000, 0.2436
CMYK	0.00, 1.00, 0.15, 0.11
HSL	309°, 100%, 44%
HSV	309°, 100%, 89%
XYZ	41.2459, 20.1443, 52.0990
YIQ	89.8750, 73.3390, 108.1470

Conversions

Conversions Part 2

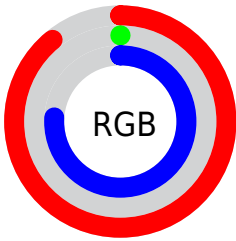
Format	Color
R_{YB}	227, 0, 193
Decimal	14876865
CIE _{Lab}	52.00, 85.44, -39.19
CIE _{LCh}	52, 94.000, 335.361
Yxy	20.1443, 0.3634, 0.1775
Android (android.graphics.Color)	4293066945 (0xFFE300C1)
YUV	89.8750, 50.8406, 120.2586
Hunter-Lab	44.8824, 85.4931, -37.4055

Details

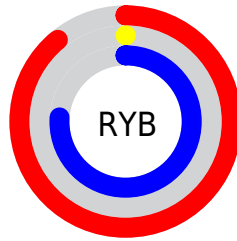
The CIELCh color **52, 94.000, 335.361** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **79, 105.941, 137.438**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 90.752, 328.529**, and **38, 73.927, 336.180** is the 20% darker color. If you saturate the color by 10%, you get **52, 93.958, 335.363**, and if you desaturate by 10%, it is **53, 92.846, 334.605**.

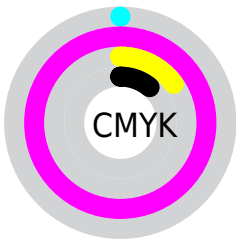
Distribution



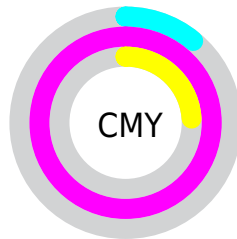
- Red (89%)
- Green (0%)
- Blue (76%)



- Red (89%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (100%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 94.000, 335.361 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, 94.000, 335.361 by changing the saturation by 10% instead.


 52, 94.000,
335.361


 52, 94.000,
335.361


 100, 94.000,
335.361


 42, 94.000,
335.361


 72, 94.000,
335.361

 32, 94.000,
335.361

 82, 94.000,
335.361

 22, 94.000,
335.361

 92, 94.000,
335.361

 12, 94.000,
335.361

 2, 94.000, 335.361

 0, 94.000, 335.361

■ 52, 94.000,
335.361

■ 52, 94.000,
335.361

■ 52, 93.958,
335.363

■ 53, 92.846,
334.605

■ 54, 89.358,
333.904

■ 57, 83.149,
333.240

■ 60, 74.509,
332.592

■ 64, 63.953,
331.950

■ 69, 52.059,
331.309

■ 74, 39.352,
330.671

■ 79, 26.254,

330.039

■ 84, 13.070,
329.411

Harmonies

Complementary

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



52, 94.000, 335.361



79, 105.941, 137.438

Rectangle

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



52, 94.000, 335.361



52, 94.000, 25.361



52, 94.000, 155.361



52, 94.000, 205.361

Sweetspot

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



52, 93.958, 335.363



82, 43.262, 330.683



29, 121.644, 306.723



41, 29.444, 330.953



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, 93.958, 335.363



58, 102.559, 335.417



48, 78.434, 15.689



44, 7.353, 329.375



40, 77.851, 335.224



7, 32.466, 333.912

Inverse Universe

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



52, 93.958, 335.363



58, 102.559, 335.417



80, 70.615, 156.626



44, 7.353, 329.375



40, 77.851, 335.224



7, 32.466, 333.912

Previews

White Background



This preview shows how the CIELCh color 52, 94.000, 335.361 looks on a white background.

Color Contrast Check

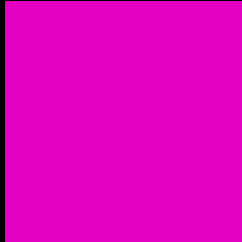
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.000, 335.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

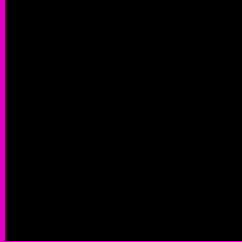
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 94.000, 335.361

Background



This preview shows how black text looks on a background with the CIELCh color 52, 94.000, 335.361.



This preview shows how white text looks on a background with the CIELCh color 52, 94.000, 335.361.

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, 94.000, 335.361

Protanopia

53, 77.398, 287.962

Deuteranopia

53, 32.768, 282.612



Tritanopia
52, 62.128, 27.014

Trichromacy



Original Color
52, 94.000, 335.361



Protanomaly
44, 90.799, 303.590



Deuteranomaly
46, 64.302, 316.686



Tritanomaly
51, 69.310, 0.965

Monochromacy



Original Color
52, 94.000, 335.361



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, 94.000, 335.361 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 94.000, 335.361 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, 193) }
```

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

```
.border{ border-color:rgb(227, 0, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 193);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 94.000, 335.361 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, 193) }
```

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

```
.background{ background-color: rgb(227, 0,  
193) }
```

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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