

Converting Colors

CIELCh(52, 80.119, 344.115)

Have a look what the booklet for
CIELCh(52, 80.119, 344.115)
contains.

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Color

CIELCh(52, 80.086, 344.353)

Conversions

Conversions Part 1

Format	Color
Hex	E226A3
RGB	226, 38, 163
RGB Percent	89%, 15%, 64%
CMY	0.1145, 0.8521, 0.3614
CMYK	0.00, 0.83, 0.28, 0.11
HSL	320°, 76%, 52%
HSV	320°, 83%, 89%
XYZ	38.5846, 20.1443, 36.4273
YIQ	108.4620, 71.9230, 78.7310

Conversions

Conversions Part 2

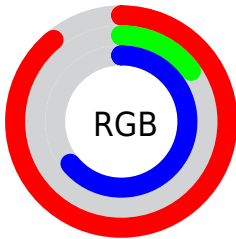
Format	Color
R_{YB}	226, 38, 163
Decimal	14821027
CIE _{Lab}	52.00, 77.12, -21.60
CIE _{LCh}	52, 80.086, 344.353
Yxy	20.1443, 0.4055, 0.2117
Android (android.graphics.Color)	4293011107 (0xFFE226A3)
YUV	108.4620, 26.8872, 103.0808
Hunter-Lab	44.8824, 74.9088, -16.7030

Details

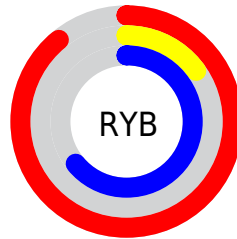
The CIELCh color **52, 80.086, 344.353** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **79, 84.830, 145.338**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 74.552, 336.684**, and **36, 65.769, 347.056** is the 20% darker color. If you saturate the color by 10%, you get **51, 82.034, 346.338**, and if you desaturate by 10%, it is **54, 75.519, 342.734**.

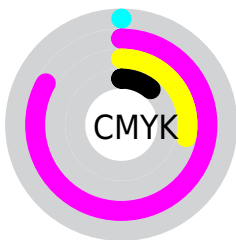
Distribution



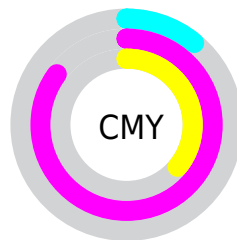
- Red (89%)
- Green (15%)
- Blue (64%)



- Red (89%)
- Yellow (15%)
- Blue (64%)



- Cyan (0%)
- Magenta (83%)
- Yellow (28%)
- Black (11%)





- Cyan (11%)
- Magenta (85%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 80.086, 344.353 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, 80.086, 344.353 by changing the saturation by 10% instead.


 52, 80.086,
344.353


 52, 80.086,
344.353


 100, 80.086,
344.353


 42, 80.086,
344.353


 72, 80.086,
344.353

 32, 80.086,
344.353

 82, 80.086,
344.353

 22, 80.086,
344.353

 92, 80.086,
344.353

 12, 80.086,
344.353

 2, 80.086, 344.353

 0, 80.086, 344.353

■ 52, 80.086,
344.353

■ 52, 80.086,
344.353

■ 51, 82.034,
346.338

■ 54, 75.519,
342.734

■ 50, 82.232,
347.874

■ 58, 68.542,
341.385

■ 62, 59.633,
340.229

■ 66, 49.370,
339.210

■ 71, 38.282,
338.290

■ 76, 26.795,
337.446

■ 82, 15.213,
336.658

■ 88, 3.740, 335.857

Harmonies

Complementary

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



52, 80.086, 344.353



79, 84.830, 145.338

Rectangle

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



52, 80.086, 344.353



52, 80.086, 34.353



52, 80.086, 164.353



52, 80.086, 214.353

Sweetspot

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



52, 80.082, 344.354



84, 31.752, 337.600



37, 106.865, 308.850



43, 21.667, 337.895



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, 80.082, 344.354



56, 90.029, 348.055



49, 76.385, 24.203



44, 6.446, 336.363



39, 68.463, 347.440



7, 28.752, 343.452

Inverse Universe

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



52, 80.082, 344.354



56, 90.029, 348.055



81, 51.071, 176.824



44, 6.446, 336.363



39, 68.463, 347.440



7, 28.752, 343.452

Previews

White Background



This preview shows how the CIELCh color 52, 80.086, 344.353 looks on a white background.

Color Contrast Check

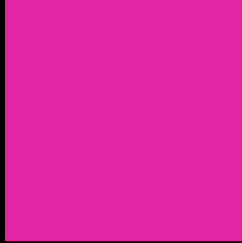
Large Text (above 18pt) WCAG AA ✓ Pass

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, 80.086, 344.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

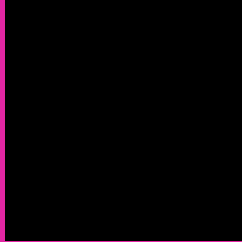
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 80.086, 344.353

Background



This preview shows how black text looks on a background with the CIELCh color 52, 80.086, 344.353.

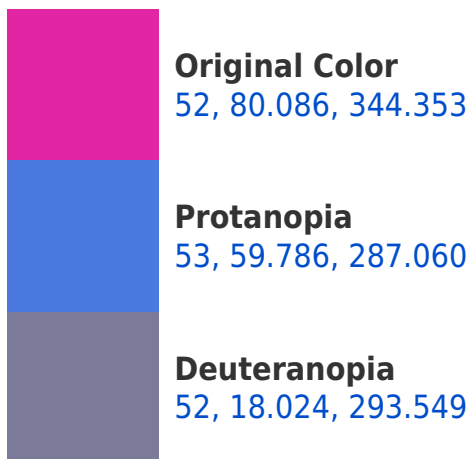


This preview shows how white text looks on a background with the CIELCh color 52, 80.086, 344.353.

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
52, 65.337, 27.942

Trichromacy



Original Color
52, 80.086, 344.353



Protanomaly
48, 65.885, 307.492



Deuteranomaly
49, 45.258, 327.951



Tritanomaly
51, 65.707, 9.459

Monochromacy



Original Color
52, 80.086, 344.353



Achromatopsia
46, 0.006, 296.813



Achromatomaly
44, 37.530, 339.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 80.086, 344.353 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(226, 38, 163)` looks like.

```
.text, #text, p{  
    color:rgb(226, 38, 163)  
}
```

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(226, 38, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 38, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 80.086, 344.353 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(226, 38, 163) }
```

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

```
.border{ border-color:rgb(226, 38, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 38, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 38, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 38, 163);  
box-shadow:4px 4px 4px 4px rgb(226, 38,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 80.086, 344.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 38, 163) }
```

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

```
.background{ background-color: rgb(226, 38,  
163) }
```

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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