

Converting Colors

CIELCh(52, 85.688, 345.248)

Have a look what the booklet for
CIELCh(52, 85.688, 345.248)
contains.

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Color

CIELCh(52, 85.557, 345.307)

Conversions

Conversions Part 1

Format	Color
Hex	E906A3
RGB	233, 6, 163
RGB Percent	91%, 2%, 64%
CMY	0.0853, 0.9765, 0.3600
CMYK	0.00, 0.97, 0.30, 0.09
HSL	318°, 95%, 47%
HSV	318°, 97%, 91%
XYZ	40.3753, 20.1443, 36.5066
YIQ	91.7710, 84.8950, 96.9510

Conversions

Conversions Part 2

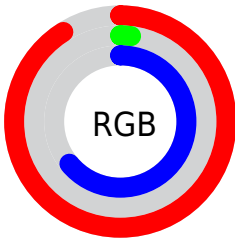
Format	Color
R_{YB}	233, 6, 163
Decimal	15271587
CIE _{Lab}	52.00, 82.76, -21.70
CIE _{LCh}	52, 85.557, 345.307
Yxy	20.1443, 0.4161, 0.2076
Android (android.graphics.Color)	4293461667 (0xFFE906A3)
YUV	91.7710, 35.1159, 123.8578
Hunter-Lab	44.8824, 82.0306, -16.8077

Details

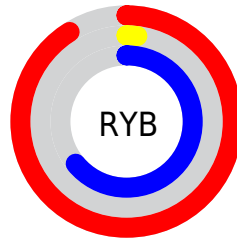
The CIELCh color **52, 85.557, 345.307** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **81, 97.871, 141.560**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 78.799, 336.348**, and **38, 66.598, 348.960** is the 20% darker color. If you saturate the color by 10%, you get **52, 85.597, 345.838**, and if you desaturate by 10%, it is **53, 84.593, 343.387**.

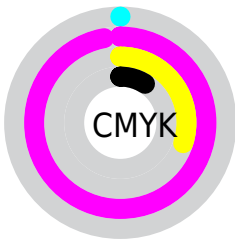
Distribution



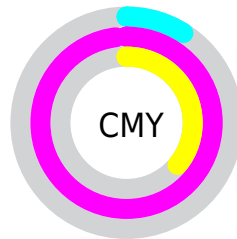
- Red (91%)
- Green (2%)
- Blue (64%)



- Red (91%)
- Yellow (2%)
- Blue (64%)



- Cyan (0%)
- Magenta (97%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (98%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 85.557, 345.307 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, 85.557, 345.307 by changing the saturation by 10% instead.


 52, 85.557,
345.307


 52, 85.557,
345.307


 100, 85.557,
345.307


 42, 85.557,
345.307


 72, 85.557,
345.307

 32, 85.557,
345.307

 82, 85.557,
345.307

 22, 85.557,
345.307

 92, 85.557,
345.307

 12, 85.557,
345.307

 2, 85.557, 345.307

 0, 85.557, 345.307

■ 52, 85.557,
345.307

■ 52, 85.557,
345.307

■ 52, 85.597,
345.838

■ 53, 84.593,
343.387

■ 55, 81.006,
341.806

■ 58, 74.770,
340.487

■ 62, 66.283,
339.355

■ 66, 56.120,
338.355

■ 71, 44.864,
337.450

■ 76, 33.006,
336.615

■ 82, 20.917,

335.835

 88, 8.853, 335.087

Harmonies

Complementary

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



52, 85.557, 345.307



81, 97.871, 141.560

Rectangle

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



52, 85.557, 345.307



52, 85.557, 35.307



52, 85.557, 165.307



52, 85.557, 215.307

Sweetspot

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



52, 85.553, 345.308



82, 37.511, 336.754



33, 120.302, 308.243



41, 25.706, 337.108



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, 85.553, 345.308



56, 91.487, 345.953



49, 86.037, 29.018



46, 6.814, 335.240



40, 71.032, 345.460



8, 31.329, 342.228

Inverse Universe

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



52, 85.553, 345.308



56, 91.487, 345.953



83, 57.802, 171.018



46, 6.814, 335.240



40, 71.032, 345.460



8, 31.329, 342.228

Previews

White Background



This preview shows how the CIELCh color 52, 85.557, 345.307 looks on a white background.

Color Contrast Check

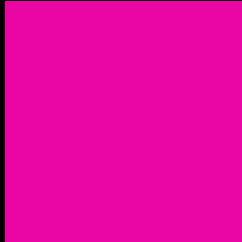
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.557, 345.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

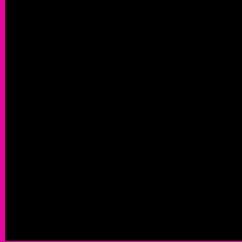
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 85.557, 345.307

Background



This preview shows how black text looks on a background with the CIELCh color 52, 85.557, 345.307.



This preview shows how white text looks on a background with the CIELCh color 52, 85.557, 345.307.

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, 85.478, 345.319

Protanopia

53, 64.290, 287.107

Deuteranopia

53, 16.842, 293.486



Tritanopia
52, 71.822, 30.236

Trichromacy



Original Color
52, 85.478, 345.319



Protanomaly
45, 75.778, 308.645



Deuteranomaly
47, 52.180, 330.030

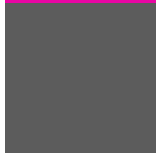


Tritanomaly
51, 72.253, 11.028

Monochromacy



Original Color
52, 85.478, 345.319



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 44.811, 338.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 85.557, 345.307 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(233, 6, 163)` looks like.

```
.text, #text, p{  
    color:rgb(233, 6, 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(233, 6, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 6, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 85.557, 345.307 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(233, 6, 163) }
```

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

```
.border{ border-color:rgb(233, 6, 163) }
```

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

Here you see how a box with a 4 pixel rgb(233, 6, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 6, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 6, 163);  
box-shadow:4px 4px 4px 4px rgb(233, 6,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 85.557, 345.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 6, 163) }
```

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

```
.background{ background-color: rgb(233, 6,  
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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