

Converting Colors

CIELCh(51, 84.265, 359.867)

Have a look what the booklet for
CIELCh(51, 84.265, 359.867)
contains.

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Color

CIELCh(52, 81.352, 0.994)

Conversions

Conversions Part 1

Format	Color
Hex	F1007D
RGB	241, 0, 125
RGB Percent	95%, 0%, 49%
CMY	0.0554, 1.0000, 0.5102
CMYK	0.00, 1.00, 0.48, 0.06
HSL	329°, 100%, 47%
HSV	329°, 100%, 94%
XYZ	39.9196, 20.1443, 21.1512
YIQ	86.3090, 103.5110, 89.9670

Conversions

Conversions Part 2

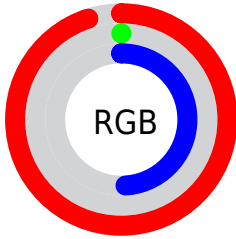
Format	Color
R_{YB}	241, 0, 125
Decimal	15794301
CIE _{Lab}	52.00, 81.34, 1.41
CIE _{LCh}	52, 81.352, 0.994
Yxy	20.1443, 0.4915, 0.2480
Android (android.graphics.Color)	4293984381 (0xFFFF1007D)
YUV	86.3090, 19.0747, 135.6640
Hunter-Lab	44.8824, 80.2183, 3.4769

Details

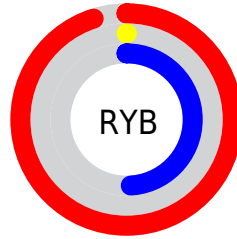
The CIELCh color **52, 81.352, 0.994** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **84, 87.664, 147.820**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 68.128, 350.752**, and **38, 64.498, 8.354** is the 20% darker color. If you saturate the color by 10%, you get **52, 81.316, 1.007**, and if you desaturate by 10%, it is **53, 80.217, 357.150**.

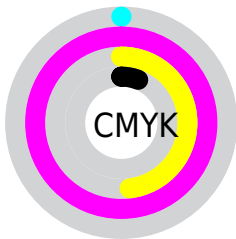
Distribution



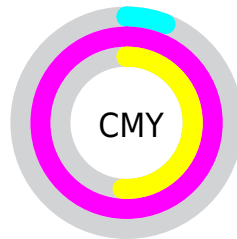
- Red (95%)
- Green (0%)
- Blue (49%)



- Red (95%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 81.352, 0.994 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, 81.352, 0.994 by changing the saturation by 10% instead.

 52, 81.352, 0.994  52, 81.352, 0.994

 100, 81.352, 0.994  42, 81.352, 0.994

 72, 81.352, 0.994  32, 81.352, 0.994


 82, 81.352, 0.994  22, 81.352, 0.994

 92, 81.352, 0.994  12, 81.352, 0.994

 2, 81.352, 0.994

 0, 81.352, 0.994

 52, 81.352, 0.994  52, 81.352, 0.994

 52, 81.316, 1.007  53, 80.217,
357.150

■ 55, 77.094,
354.015

■ 58, 71.532,
351.539

■ 62, 63.806,
349.562

■ 66, 54.451,
347.946

■ 71, 44.044,
346.590

■ 77, 33.081,
345.421

■ 83, 21.936,
344.390

■ 89, 10.859,
343.454

Harmonies

Complementary

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



52, 81.352, 0.994



84, 87.664, 147.820

Rectangle

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



52, 81.352, 0.994



52, 81.352, 50.994



52, 81.352, 180.994



52, 81.352, 230.994

Sweetspot

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



52, 81.316, 1.007



81, 34.647, 345.431



38, 120.597, 310.979



40, 23.646, 345.907



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, 81.316, 1.007



55, 84.880, 1.148



50, 98.838, 39.028



47, 6.142, 343.406



40, 66.451, 0.230



8, 29.626, 354.150

Inverse Universe

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



52, 81.316, 1.007



55, 84.880, 1.148



86, 49.308, 191.317



47, 6.142, 343.406



40, 66.451, 0.230



8, 29.626, 354.150

Previews

White Background



This preview shows how the CIELCh color 52, 81.352, 0.994 looks on a white background.

Color Contrast Check

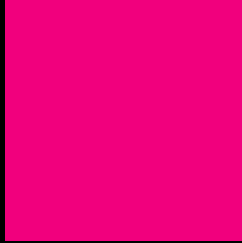
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.352, 0.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

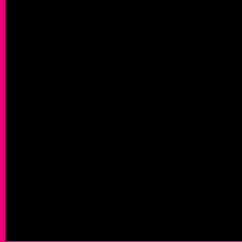
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 81.352, 0.994

Background



This preview shows how black text looks on a background with the CIELCh color 52, 81.352, 0.994.



This preview shows how white text looks on a background with the CIELCh color 52, 81.352, 0.994.

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, 81.352, 0.994

Protanopia

53, 32.604, 285.199

Deuteranopia

53, 9.477, 41.572



Tritanopia
52, 82.996, 33.756

Trichromacy



Original Color
52, 81.352, 0.994



Protanomaly
46, 53.462, 325.534



Deuteranomaly
47, 45.633, 355.611



Tritanomaly
52, 80.037, 21.815

Monochromacy



Original Color
52, 81.352, 0.994



Achromatopsia
37, 0.005, 296.813



Achromatomaly
37, 42.474, 349.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 81.352, 0.994 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(241, 0, 125)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 125)  
}
```

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(241, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 81.352, 0.994 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(241, 0, 125) }
```

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

```
.border{ border-color:rgb(241, 0, 125) }
```

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

Here you see how a box with a 4 pixel rgb(241, 0, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(241, 0,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 81.352, 0.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 125) }
```

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

```
.background{ background-color: rgb(241, 0,  
125) }
```

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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