

Converting Colors

CIELCh(52, 81.207, 6.903)

Have a look what the booklet for
CIELCh(52, 81.207, 6.903) contains.

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Color

CIELCh(52, 81.333, 7.087)

Conversions

Conversions Part 1

Format	Color
Hex	F3006F
RGB	243, 0, 111
RGB Percent	95%, 0%, 44%
CMY	0.0482, 1.0000, 0.5656
CMYK	0.00, 1.00, 0.54, 0.05
HSL	333°, 100%, 48%
HSV	333°, 100%, 95%
XYZ	39.7190, 20.1443, 16.7702
YIQ	85.3110, 109.1970, 86.0370

Conversions

Conversions Part 2

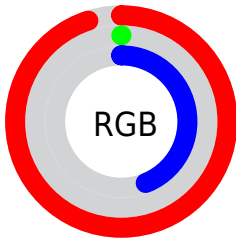
Format	Color
R_{YB}	243, 0, 111
Decimal	15925359
CIE Lab	52.00, 80.71, 10.03
CIE LCh	52, 81.333, 7.087
Yxy	20.1443, 0.5183, 0.2629
Android (android.graphics.Color)	4294115439 (0xFFFF3006F)
YUV	85.3110, 12.6647, 138.2933
Hunter-Lab	44.8824, 79.4207, 9.2642

Details

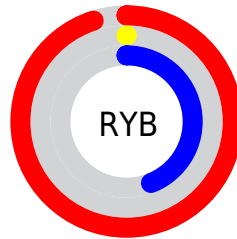
The CIELCh color **52, 81.333, 7.087** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **85, 82.599, 151.014**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 66.046, 357.165**, and **38, 65.679, 15.619** is the 20% darker color. If you saturate the color by 10%, you get **52, 81.327, 7.090**, and if you desaturate by 10%, it is **53, 79.580, 2.581**.

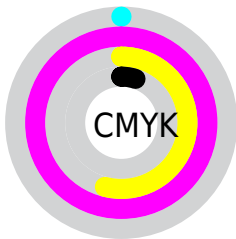
Distribution



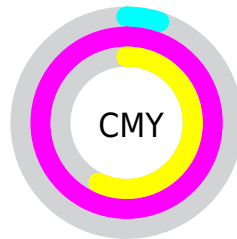
- Red (95%)
- Green (0%)
- Blue (44%)



- Red (95%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 81.333, 7.087 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, 81.333, 7.087 by changing the saturation by 10% instead.

 52, 81.333, 7.087

 52, 81.333, 7.087

 100, 81.333, 7.087

 42, 81.333, 7.087

 72, 81.333, 7.087

 32, 81.333, 7.087

 82, 81.333, 7.087

 22, 81.333, 7.087

 92, 81.333, 7.087

 12, 81.333, 7.087

 2, 81.333, 7.087

 0, 81.333, 7.087

 52, 81.333, 7.087

 52, 81.333, 7.087

 52, 81.327, 7.090

 53, 79.580, 2.581

 55, 76.040,

358.892

■ 58, 70.245,
355.988

■ 62, 62.433,
353.693

■ 66, 53.111,
351.845

■ 72, 42.838,
350.319

■ 77, 32.093,
349.027

■ 83, 21.231,
347.905

■ 89, 10.488,
346.900

Harmonies

Complementary

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



52, 81.333, 7.087



85, 82.599, 151.014

Rectangle

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



52, 81.333, 7.087



52, 81.333, 57.087



52, 81.333, 187.087



52, 81.333, 237.087

Sweetspot

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



52, 81.327, 7.090



81, 33.405, 349.037



40, 119.549, 312.489



40, 22.823, 349.560



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, 81.327, 7.090



55, 84.428, 7.231



51, 100.328, 40.249



48, 5.998, 346.851



40, 66.645, 6.214



9, 29.914, 359.362

Inverse Universe

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



52, 81.327, 7.090



55, 84.428, 7.231



85, 46.079, 201.875



48, 5.998, 346.851



40, 66.645, 6.214



9, 29.914, 359.362

Previews

White Background



This preview shows how the CIELCh color 52, 81.333, 7.087 looks on a white background.

Color Contrast Check

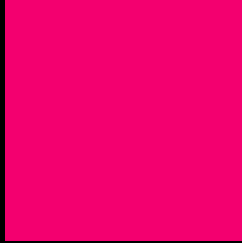
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.333, 7.087 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, 81.333, 7.087

Background



This preview shows how black text looks on a background with the CIELCh color 52, 81.333, 7.087.



This preview shows how white text looks on a background with the CIELCh color 52, 81.333, 7.087.

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, 81.399, 7.057

Protanopia

53, 21.545, 285.439

Deuteranopia

53, 16.010, 65.770



Tritanopia
52, 86.926, 35.063

Trichromacy



Original Color
52, 81.399, 7.057



Protanomaly
46, 47.241, 335.066



Deuteranomaly
47, 45.166, 6.559



Tritanomaly
52, 83.276, 25.232

Monochromacy



Original Color
52, 81.399, 7.057



Achromatopsia
36, 0.005, 296.813



Achromatomaly
36, 41.686, 353.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 81.333, 7.087 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(243, 0, 111)` looks like.

```
.text, #text, p{  
  color:rgb(243, 0, 111)  
}
```

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(243, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 0, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 81.333, 7.087 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(243, 0, 111) }
```

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

```
.border{ border-color:rgb(243, 0, 111) }
```

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

Here you see how a box with a 4 pixel rgb(243, 0, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(243, 0,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 81.333, 7.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 0, 111) }
```

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

```
.background{ background-color: rgb(243, 0,  
111) }
```

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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