

Converting Colors

CIELCh(52, 81.298, 9.130)

Have a look what the booklet for
CIELCh(52, 81.298, 9.130) contains.

CIELCh(52, 81.291, 9.187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 81.291, 9.187)

Conversions

Conversions Part 1

Format	Color
Hex	F3036A
RGB	243, 3, 106
RGB Percent	95%, 1%, 42%
CMY	0.0473, 0.9889, 0.5845
CMYK	0.00, 0.99, 0.56, 0.05
HSL	334°, 98%, 48%
HSV	334°, 99%, 95%
XYZ	39.5715, 20.1443, 15.4261
YIQ	86.5020, 109.9770, 82.9130

Conversions

Conversions Part 2

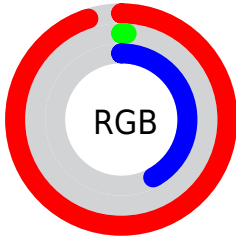
Format	Color
RYB	243, 3, 106
Decimal	15926122
CIELab	52.00, 80.25, 12.98
CIElCh	52, 81.291, 9.187
Yxy	20.1443, 0.5266, 0.2681
Android (android.graphics.Color)	4294116202 (0xFFFF3036A)
YUV	86.5020, 9.6125, 137.2487
Hunter-Lab	44.8824, 78.8340, 11.0397

Details

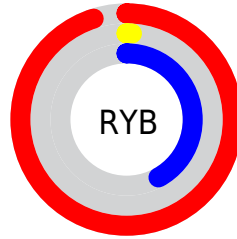
The CIELCh color **52, 81.291, 9.187** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **85, 79.685, 152.814**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 65.029, 359.663**, and **38, 66.184, 17.728** is the 20% darker color. If you saturate the color by 10%, you get **52, 81.525, 9.758**, and if you desaturate by 10%, it is **53, 79.090, 4.494**.

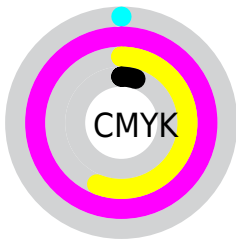
Distribution



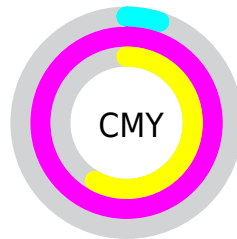
- Red (95%)
- Green (1%)
- Blue (42%)



- Red (95%)
- Yellow (1%)
- Blue (42%)



- Cyan (0%)
- Magenta (99%)
- Yellow (56%)
- Black (5%)





- Cyan (5%)
- Magenta (99%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 81.291, 9.187 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, 81.291, 9.187 by changing the saturation by 10% instead.

 52, 81.291, 9.187  52, 81.291, 9.187

 100, 81.291, 9.187  42, 81.291, 9.187

 72, 81.291, 9.187  32, 81.291, 9.187

 82, 81.291, 9.187  22, 81.291, 9.187

 92, 81.291, 9.187  12, 81.291, 9.187

 2, 81.291, 9.187

 0, 81.291, 9.187

 52, 81.291, 9.187  52, 81.291, 9.187

 52, 81.525, 9.758  53, 79.090, 4.494

 55, 75.062, 0.684

■ 58, 68.882,
357.686

■ 62, 60.811,
355.320

■ 67, 51.359,
353.419

■ 72, 41.067,
351.855

■ 78, 30.391,
350.535

■ 84, 19.663,
349.393

■ 90, 9.099, 348.369

Harmonies

Complementary

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



52, 81.291, 9.187



85, 79.685, 152.814

Rectangle

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



52, 81.291, 9.187



52, 81.291, 59.187



52, 81.291, 189.187



52, 81.291, 239.187

Sweetspot

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



52, 81.287, 9.189



81, 32.914, 350.689



41, 118.315, 313.410



40, 22.499, 351.232



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, 81.287, 9.189



54, 84.586, 9.904



51, 99.283, 40.318



48, 5.896, 348.435



40, 66.701, 8.833



9, 29.767, 1.560

Inverse Universe

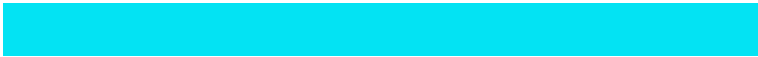
The Inverse Universe completely reimagines the original color for something new.



52, 81.287, 9.189



54, 84.586, 9.904



83, 44.281, 207.811



48, 5.896, 348.435



40, 66.701, 8.833



9, 29.767, 1.560

Previews

White Background



This preview shows how the CIELCh color 52, 81.291, 9.187 looks on a white background.

Color Contrast Check

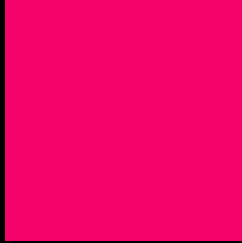
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.291, 9.187 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, 81.291, 9.187

Background



This preview shows how black text looks on a background with the CIELCh color 52, 81.291, 9.187.



This preview shows how white text looks on a background with the CIELCh color 52, 81.291, 9.187.

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, 81.291, 9.187

Protanopia

53, 17.443, 286.454

Deuteranopia

52, 18.465, 68.140



Tritanopia
52, 87.747, 35.357

Trichromacy



Original Color
52, 81.291, 9.187



Protanomaly
46, 44.891, 339.238



Deuteranomaly
47, 45.445, 10.474



Tritanomaly
52, 83.914, 26.320

Monochromacy



Original Color
52, 81.291, 9.187



Achromatopsia
37, 0.005, 296.813



Achromatomaly
37, 40.807, 355.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 81.291, 9.187 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, 3, 106)` looks like.

```
.text, #text, p{  
    color:rgb(243, 3, 106)  
}
```

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, 3, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 3, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 81.291, 9.187 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, 3, 106) }
```

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

```
.border{ border-color:rgb(243, 3, 106) }
```

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

Here you see how a box with a 4 pixel rgb(243, 3, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 3, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 3, 106);  
box-shadow:4px 4px 4px 4px rgb(243, 3,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 81.291, 9.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 3, 106) }
```

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

```
.background{ background-color: rgb(243, 3,  
106) }
```

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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