

Converting Colors

CIELCh(52, 81.884, 13.430)

Have a look what the booklet for
CIELCh(52, 81.884, 13.430) contains.

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Color

CIELCh(52, 82.003, 13.497)

Conversions

Conversions Part 1

Format	Color
Hex	F40460
RGB	244, 4, 96
RGB Percent	96%, 2%, 38%
CMY	0.0437, 0.9824, 0.6240
CMYK	0.00, 0.98, 0.61, 0.04
HSL	337°, 96%, 49%
HSV	337°, 98%, 96%
XYZ	39.4096, 20.1443, 12.8501
YIQ	86.2480, 113.5080, 79.4920

Conversions

Conversions Part 2

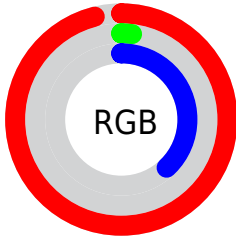
Format	Color
RYB	244, 4, 96
Decimal	15991904
CIELab	52.00, 79.74, 19.14
CIElCh	52, 82.003, 13.497
Yxy	20.1443, 0.5443, 0.2782
Android (android.graphics.Color)	4294181984 (0xFFFF40460)
YUV	86.2480, 4.8077, 138.3485
Hunter-Lab	44.8824, 78.1899, 14.4426

Details

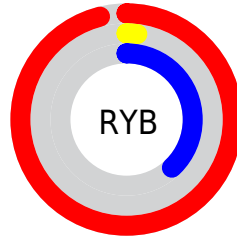
The CIELCh color **52, 82.003, 13.497** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **85, 75.347, 155.922**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 64.164, 4.936**, and **38, 68.030, 22.483** is the 20% darker color. If you saturate the color by 10%, you get **52, 82.515, 14.460**, and if you desaturate by 10%, it is **53, 79.038, 8.465**.

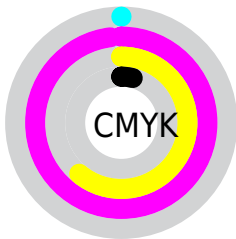
Distribution



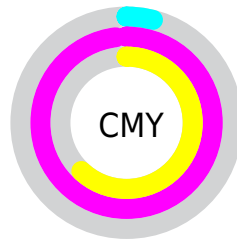
- Red (96%)
- Green (2%)
- Blue (38%)



- Red (96%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (98%)
- Yellow (61%)
- Black (4%)



- Cyan (4%)
- Magenta (98%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 82.003, 13.497 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, 82.003, 13.497 by changing the saturation by 10% instead.

 52, 82.003, 13.497

 52, 82.003, 13.497

 100, 82.003,
13.497

 42, 82.003, 13.497

 72, 82.003, 13.497

 32, 82.003, 13.497

 82, 82.003, 13.497

 22, 82.003, 13.497

 92, 82.003, 13.497

 12, 82.003, 13.497

 2, 82.003, 13.497

 0, 82.003, 13.497

 52, 82.003, 13.497

 52, 82.003, 13.497

 52, 82.515, 14.460

 53, 79.038, 8.465

 55, 74.387, 4.359

■ 59, 67.768, 1.120

■ 63, 59.431,
358.571

■ 67, 49.865,
356.535

■ 73, 39.589,
354.875

■ 79, 29.030,
353.486

■ 85, 18.496,
352.294

■ 91, 8.183, 351.231

Harmonies

Complementary

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



52, 82.003, 13.497



85, 75.347, 155.922

Rectangle

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



52, 82.003, 13.497



52, 82.003, 63.497



52, 82.003, 193.497



52, 82.003, 243.497

Sweetspot

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



52, 81.999, 13.499



81, 31.024, 353.603



43, 117.182, 314.817



41, 21.359, 354.177



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, 81.999, 13.499



54, 85.393, 14.604



52, 98.030, 40.983



48, 5.728, 351.369



39, 67.203, 13.456



9, 29.632, 5.425

Inverse Universe

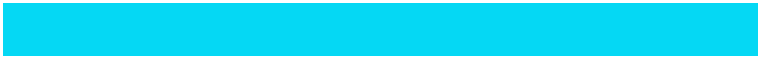
The Inverse Universe completely reimagines the original color for something new.



52, 81.999, 13.499



54, 85.393, 14.604



79, 42.576, 217.619



48, 5.728, 351.369



39, 67.203, 13.456



9, 29.632, 5.425

Previews

White Background



This preview shows how the CIELCh color 52, 82.003, 13.497 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, 82.003, 13.497 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, 82.003, 13.497

Background



This preview shows how black text looks on a background with the CIELCh color 52, 82.003, 13.497.

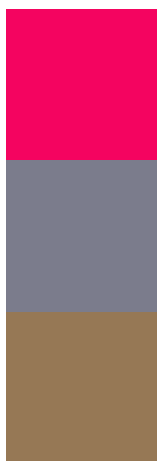


This preview shows how white text looks on a background with the CIELCh color 52, 82.003, 13.497.

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, 82.064, 13.463

Protanopia

52, 9.286, 289.009

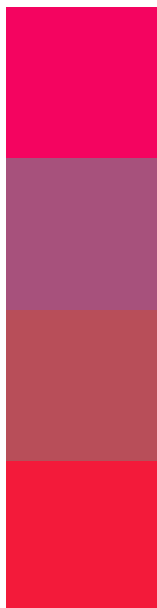
Deuteranopia

52, 24.588, 73.978



Tritanopia
52, 90.192, 36.351

Trichromacy



Original Color
52, 82.064, 13.463

Protanomaly
46, 41.217, 349.121

Deuteranomaly
47, 46.452, 19.256

Tritanomaly
52, 86.426, 28.757

Monochromacy



Original Color
52, 82.064, 13.463

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 40.333, 358.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 82.003, 13.497 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(244, 4, 96)` looks like.

```
.text, #text, p{  
    color:rgb(244, 4, 96)  
}
```

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(244, 4, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 4, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 82.003, 13.497 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(244, 4, 96) }
```

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

```
.border{ border-color:rgb(244, 4, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 4, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 4, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 4, 96);  
box-shadow:4px 4px 4px 4px rgb(244, 4, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 82.003, 13.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 4, 96) }
```

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

```
.background{ background-color: rgb(244, 4,  
96) }
```

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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