Converting Colors

CIELCh(80, 41.262, 325.907)

Have a look what the booklet for CIELCh(80, 41.262, 325.907) contains.

Color

CIELCh(80, 41.149, 325.908)

Conversions

Conversions Part 1

Format	Color
Hex	F2B1F2
RGB	242, 177, 242
RGB Percent	95%, 69%, 95%
CMY	0.0513, 0.3062, 0.0513
CMYK	0.00, 0.27, 0.00, 0.05
HSL	300°, 71%, 82%
HSV	300°, 27%, 95%
XYZ	68.3101, 56.6813, 91.2793
YIQ	203.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

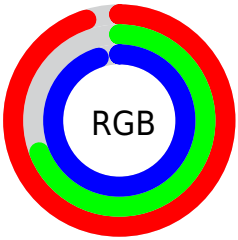
Format	Color
RYB	242, 177, 242
Decimal	15905266
CIELab	80.00, 34.08, -23.06
CIELCh	80, 41.149, 325.908
Yxy	56.6813, 0.3159, 0.2621
Android (android.graphics.Color)	4294095346 (0xFFF2B1F2)
YUV	203.8450, 18.8104, 33.4619
Hunter-Lab	75.2870, 30.2061, -19.1834

Details

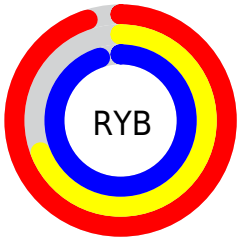
The CIELCh color 80, 41.149, 325.908 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 90, 41.140, 142.597, and the grayscale version is 82, 0.010, 296.813.

A 20% lighter version of the original color is 95, 13.736, 324.896, and 60, 40.950, 325.758 is the 20% darker color. If you saturate the color by 10%, you get 75, 56.103, 326.431, and if you desaturate by 10%, it is 86, 25.825, 325.360.

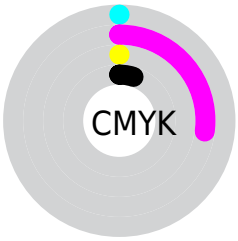
Distribution



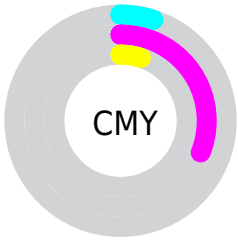
- Red (95%)
- Green (69%)
- Blue (95%)



- Red (95%)
- Yellow (69%)
- Blue (95%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 41.149, 325.908 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 80, 41.149, 325.908 by changing the saturation by 10% instead.

80, 41.149, 325.908

100, 41.149, 325.908

80, 41.149, 325.908

70, 41.149, 325.908

60, 41.149, 325.908

50, 41.149, 325.908

40, 41.149, 325.908

30, 41.149, 325.908

20, 41.149, 325.908

10, 41.149,

325.908

0, 41.149, 325.908

80, 41.149, 325.908

80, 41.149, 325.908

75, 56.103, 326.431

86, 25.825, 325.360

70, 70.256, 326.915

91, 10.462, 324.791

66, 83.060, 327.341

97, 4.721, 144.335

99, 8.130, 144.185

63, 93.913, 327.694

99, 8.130, 144.184

60, 102.266, 327.959

99, 8.130, 144.183

58, 107.782, 328.131

57, 110.515, 328.216

57, 111.049, 328.232

99, 8.130, 144.183

99, 8.130, 144.182

99, 8.130, 144.181

Harmonies

Complementary

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

80, 41.149, 325.908

90, 41.140, 142.597

Rectangle

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

80, 41.149, 325.908

80, 41.149, 15.908

80, 41.149, 145.908

80, 41.149, 195.908

Sweetspot

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

80, 41.146, 325.908

95, 12.733, 324.859

75, 34.590, 292.793

50, 9.057, 324.947

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

80, 41.146, 325.908

81, 51.027, 326.186

79, 29.663, 345.189

47, 8.608, 324.943

44, 90.297, 328.232

10, 39.418, 328.232

Inverse Universe

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

78, 25.464, 21.564

79, 32.279, 22.203

90, 28.763, 160.323

47, 4.993, 19.937

38, 81.702, 39.994

8, 29.836, 23.806

Previews

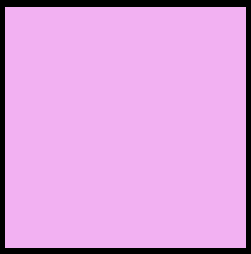
White Background

This preview shows how the CIELCh color 80, 41.149, 325.908 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



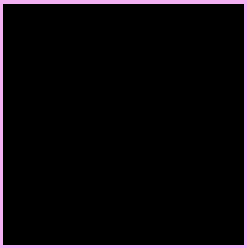
This preview shows how the CIELCh color 80, 41.149, 325.908 looks on a black background.

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 ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 80, 41.149, 325.908 Background



This preview shows how black text looks on a background with the CIELCh color 80, 41.149, 325.908.

This preview shows how white text looks on a background with the CIELCh color 80, 41.149, 325.908.

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
80, 41.149, 325.908

Protanopia
80, 31.033, 285.270

Deuteranopia
80, 24.080, 295.470

Tritanopia
80, 20.486, 359.999

Trichromacy

Original Color
80, 41.149, 325.908

Protanomaly
80, 32.515, 301.657

Deuteranomaly
80, 29.262, 310.096

Tritanomaly
80, 26.831, 341.045

Monochromacy

Original Color
80, 41.149, 325.908

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 15.455, 325.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 41.149, 325.908 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(242, 177, 242) looks like.

```
.text, #text, p{
    color:rgb(242, 177, 242)
}
```

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(242, 177, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 177, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 41.149, 325.908 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(242, 177, 242) }
```

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

```
.border{ border-color:rgb(242, 177, 242) }
```

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

Here you see how a box with a 4 pixel rgb(242, 177, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 177, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 177, 242); box-shadow:4px 4px 4px 4px rgb(242, 177, 242) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 41.149, 325.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(242, 177, 242) }
```

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

```
.background{ background-color:rgb(242,
177, 242) }
```

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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