

Converting Colors

CIELCh(79, 24.299, 14.234)

Have a look what the booklet for
CIELCh(79, 24.299, 14.234) contains.

CIELCh(79, 24.045, 15.179)	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(79, 24.045, 15.179)

Conversions

Conversions Part 1

Format	Color
Hex	F2B4B9
RGB	242, 180, 185
RGB Percent	95%, 71%, 73%
CMY	0.0516, 0.2947, 0.2751
CMYK	0.00, 0.26, 0.24, 0.05
HSL	355°, 70%, 83%
HSV	355°, 26%, 95%
XYZ	61.5964, 54.9284, 53.1728
YIQ	199.1080, 35.3470, 14.6990

Conversions

Conversions Part 2

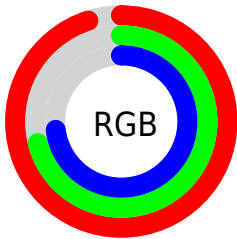
Format	Color
R _Y B	242, 180, 185
Decimal	15905977
CIE Lab	79.00, 23.21, 6.30
CIE LCh	79, 24.045, 15.179
Yxy	54.9284, 0.3630, 0.3237
Android (android.graphics.Color)	4294096057 (0xFFFF2B4B9)
YUV	199.1080, -6.9552, 37.6163
Hunter-Lab	74.1137, 18.6537, 9.3421

Details

The CIELCh color **79, 24.045, 15.179** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 20.761, 190.864**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 7.263, 359.192**, and **59, 24.041, 15.451** is the 20% darker color. If you saturate the color by 10%, you get **73, 34.456, 16.605**, and if you desaturate by 10%, it is **85, 14.184, 14.041**.

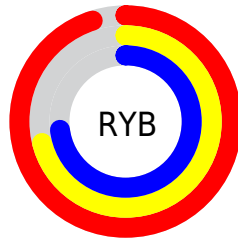
Distribution



Red (95%)

Green (71%)

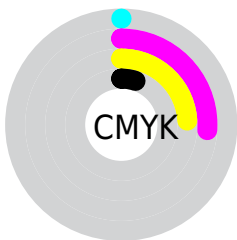
Blue (73%)



Red (95%)

Yellow (71%)

Blue (73%)

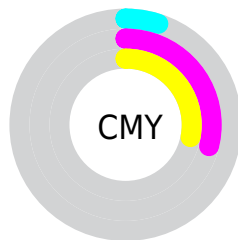


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 24.045, 15.179 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 79, 24.045, 15.179 by changing the saturation by 10% instead.

79, 24.045, 15.179

79, 24.045, 15.179

100, 24.045,
15.179

69, 24.045, 15.179

99, 24.045, 15.179

59, 24.045, 15.179

49, 24.045, 15.179

39, 24.045, 15.179

29, 24.045, 15.179

19, 24.045, 15.179

9, 24.045, 15.179

0, 24.045, 15.179

79, 24.045, 15.179

79, 24.045, 15.179

73, 34.456, 16.605

85, 14.184, 14.041

67, 45.281, 18.407

92, 4.937, 13.049

62, 56.271, 20.714

98, 3.695, 192.595

58, 67.086, 23.655

99, 4.536, 199.264

55, 77.341, 27.312

52, 86.653, 31.577

51, 94.417, 35.911

51, 97.139, 37.451

Harmonies

Complementary

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



79, 24.045, 15.179



91, 20.761, 190.864

Rectangle

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



79, 24.045, 15.179



79, 24.045, 65.179



79, 24.045, 195.179



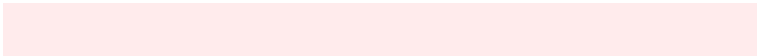
79, 24.045, 245.179

Sweetspot

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



79, 24.043, 15.184



95, 7.383, 13.288



80, 38.377, 323.448



50, 5.274, 13.435



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 24.043, 15.184



79, 30.878, 15.919



85, 19.690, 63.149



47, 5.012, 13.429



38, 78.337, 36.763



8, 29.433, 20.550

Inverse Universe

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



79, 24.043, 15.184



79, 30.878, 15.919



85, 17.684, 249.442



47, 5.012, 13.429



38, 78.337, 36.763



8, 29.433, 20.550

Previews

White Background



This preview shows how the CIELCh color 79, 24.045, 15.179 looks on a white background.

Color Contrast Check

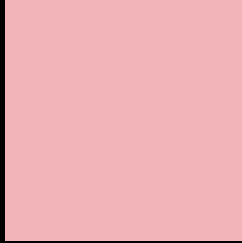
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 24.045, 15.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

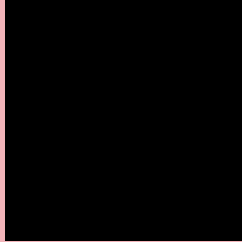
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 24.045, 15.179

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.045, 15.179.

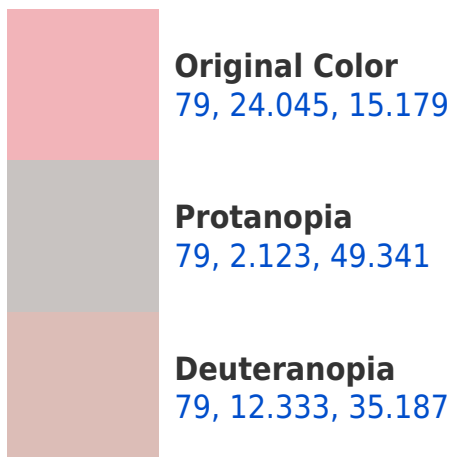


This preview shows how white text looks on a background with the CIELCh color 79, 24.045, 15.179.

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](#).

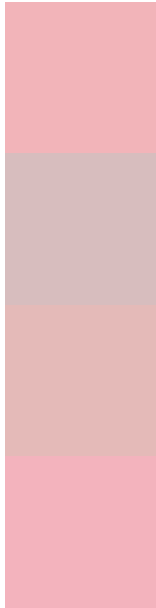
Dichromacy





Tritanopia
79, 25.240, 5.871

Trichromacy



Original Color
79, 24.045, 15.179

Protanomaly
79, 9.823, 17.053

Deuteranomaly
79, 16.207, 24.414

Tritanomaly
79, 25.009, 9.430

Monochromacy



Original Color
79, 24.045, 15.179

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 8.680, 13.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.045, 15.179 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, 180, 185)` looks like.

```
.text, #text, p{  
    color:rgb(242, 180, 185)  
}
```

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, 180, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 180, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.045, 15.179 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, 180, 185) }
```

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

```
.border{ border-color:rgb(242, 180, 185) }
```

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

Here you see how a box with a 4 pixel rgb(242, 180, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 180, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 180, 185);  
box-shadow:4px 4px 4px 4px rgb(242, 180,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.045, 15.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 180, 185) }
```

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

```
.background{ background-color: rgb(242,  
180, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor