

Converting Colors

CIELCh(79, 20.117, 33.012)

Have a look what the booklet for
CIELCh(79, 20.117, 33.012) contains.

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Color

CIELCh(79, 20.117, 33.012)

Conversions

Conversions Part 1

Format	Color
Hex	EAB8B0
RGB	234, 184, 176
RGB Percent	92%, 72%, 69%
CMY	0.0822, 0.2783, 0.3097
CMYK	0.00, 0.21, 0.25, 0.08
HSL	8°, 58%, 80%
HSV	8°, 25%, 92%
XYZ	58.9296, 54.9284, 48.5872
YIQ	198.0380, 32.3680, 8.1120

Conversions

Conversions Part 2

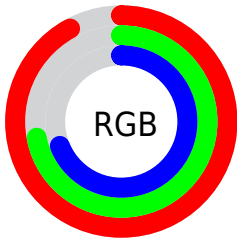
Format	Color
R _Y B	234, 185, 176
Decimal	15382704
CIE Lab	79.00, 16.87, 10.96
CIE LCh	79, 20.117, 33.012
Yxy	54.9284, 0.3628, 0.3381
Android (android.graphics.Color)	4293572784 (0xFFEAB8B0)
YUV	198.0380, -10.8647, 31.5387
Hunter-Lab	74.1137, 12.2307, 13.0104

Details

The CIELCh color **79, 20.117, 33.012** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 16.918, 212.799**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.777, 56.644**, and **59, 19.836, 32.680** is the 20% darker color. If you saturate the color by 10%, you get **74, 29.438, 33.522**, and if you desaturate by 10%, it is **84, 11.504, 32.694**.

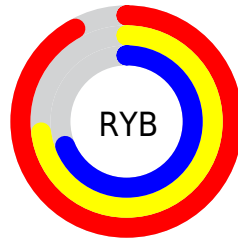
Distribution



Red (92%)

Green (72%)

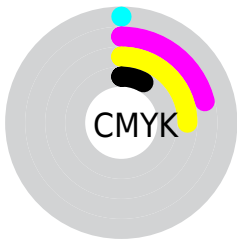
Blue (69%)



Red (92%)

Yellow (73%)

Blue (69%)

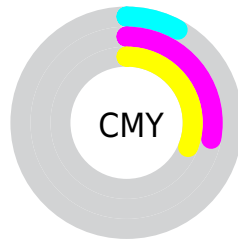


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (8%)



Cyan (8%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 20.117, 33.012 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, 20.117, 33.012 by changing the saturation by 10% instead.

79, 20.117, 33.012

79, 20.117, 33.012

100, 20.117,
33.012

69, 20.117, 33.012

99, 20.117, 33.012

59, 20.117, 33.012

49, 20.117, 33.012

39, 20.117, 33.012

29, 20.117, 33.012

19, 20.117, 33.012

9, 20.117, 33.012

0, 20.117, 33.012

79, 20.117, 33.012

79, 20.117, 33.012

74, 29.438, 33.522

84, 11.504, 32.694

69, 39.471, 34.262

90, 3.570, 32.418

64, 50.151, 35.298

96, 3.742, 212.712

60, 61.317, 36.665

99, 7.175, 199.044

56, 72.640, 38.330

53, 83.423, 40.070

51, 92.133, 41.240

50, 95.532, 41.625

Harmonies

Complementary

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



79, 20.117, 33.012



87, 16.918, 212.799

Rectangle

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



79, 20.117, 33.012



79, 20.117, 83.012



79, 20.117, 213.012



79, 20.117, 263.012

Sweetspot

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



79, 20.115, 33.019



96, 5.654, 32.499



79, 33.759, 329.791



51, 3.683, 32.516



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, 20.115, 33.019



82, 26.698, 33.262



86, 20.937, 85.141



46, 4.332, 32.563



39, 78.482, 41.917



8, 25.880, 30.469

Inverse Universe

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



87, 16.918, 212.799



92, 21.515, 212.950



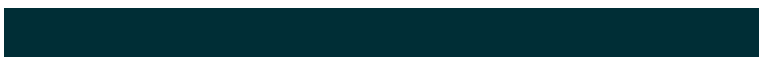
79, 20.600, 272.123



48, 4.075, 212.640



59, 33.806, 222.045



17, 14.607, 217.804

Previews

White Background



This preview shows how the CIELCh color 79, 20.117, 33.012 looks on a white background.

Color Contrast Check

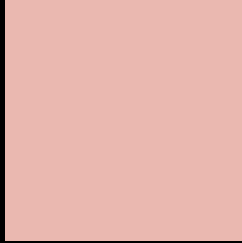
Large Text (above 18pt) WCAG AA × Fail

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, 20.117, 33.012 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, 20.117, 33.012

Background



This preview shows how black text looks on a background with the CIELCh color 79, 20.117, 33.012.

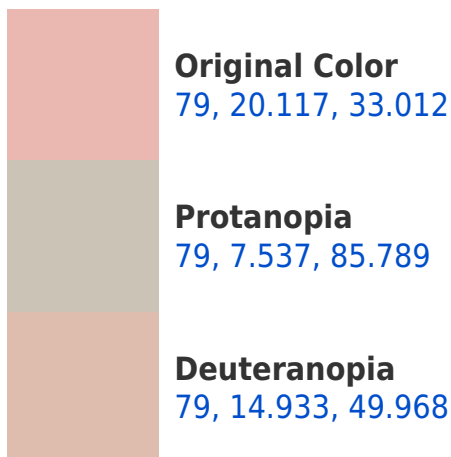


This preview shows how white text looks on a background with the CIELCh color 79, 20.117, 33.012.

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, 22.002, 1.655

Trichromacy



Original Color
79, 20.117, 33.012

Protanomaly
79, 10.616, 53.264

Deuteranomaly
79, 16.604, 42.931

Tritanomaly
79, 20.507, 12.258

Monochromacy



Original Color
79, 20.117, 33.012

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 6.951, 33.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 20.117, 33.012 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(234, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(234, 184, 176)  
}
```

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(234, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 184, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 20.117, 33.012 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(234, 184, 176) }
```

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

```
.border{ border-color:rgb(234, 184, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 184, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(234, 184,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 20.117, 33.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 184, 176) }
```

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

```
.background{ background-color: rgb(234,  
184, 176) }
```

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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