

Converting Colors

CIELCh(80, 17.529, 12.972)

Have a look what the booklet for
CIELCh(80, 17.529, 12.972) contains.

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Color

CIELCh(80, 17.664, 12.275)

Conversions

Conversions Part 1

Format	Color
Hex	E9BBC0
RGB	233, 187, 192
RGB Percent	91%, 73%, 75%
CMY	0.0862, 0.2666, 0.2470
CMYK	0.00, 0.20, 0.18, 0.09
HSL	353°, 51%, 82%
HSV	353°, 20%, 91%
XYZ	60.9006, 56.6813, 57.6100
YIQ	201.3240, 25.8110, 11.3070

Conversions

Conversions Part 2

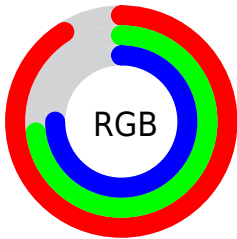
Format	Color
R _Y B	233, 187, 192
Decimal	15317952
CIE Lab	80.00, 17.26, 3.76
CIE LCh	80, 17.664, 12.275
Yxy	56.6813, 0.3476, 0.3235
Android (android.graphics.Color)	4293508032 (0xFFE9BBC0)
YUV	201.3240, -4.5967, 27.7799
Hunter-Lab	75.2870, 12.6386, 7.3318

Details

The CIELCh color $80, 17.664, 12.275$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89, 15.932, 188.920$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 4.971, 348.712$, and $60, 17.617, 12.181$ is the 20% darker color. If you saturate the color by 10%, you get $74, 27.420, 13.560$, and if you desaturate by 10%, it is $86, 8.440, 11.214$.

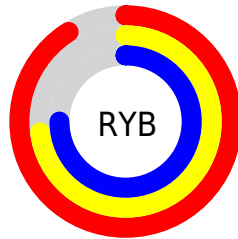
Distribution



Red (91%)

Green (73%)

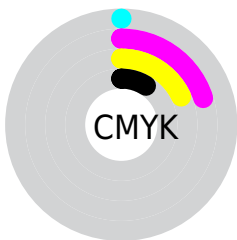
Blue (75%)



Red (91%)

Yellow (73%)

Blue (75%)

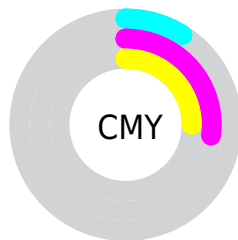


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (9%)



Cyan (9%)

Magenta (27%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 17.664, 12.275 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, 17.664, 12.275 by changing the saturation by 10% instead.

 80, 17.664, 12.275

 80, 17.664, 12.275

 100, 17.664,
12.275

 70, 17.664, 12.275

 60, 17.664, 12.275

 50, 17.664, 12.275

 40, 17.664, 12.275

 30, 17.664, 12.275

 20, 17.664, 12.275

 10, 17.664, 12.275

 0, 17.664, 12.275

 80, 17.664, 12.275

 80, 17.664, 12.275

74, 27.420, 13.560

86, 8.440, 11.214

68, 37.616, 15.150

93, 0.216, 193.209

63, 48.061, 17.162

98, 7.538, 196.420

58, 58.464, 19.727

98, 7.515, 199.018

55, 68.465, 22.977

52, 77.717, 26.973

50, 85.924, 31.552

49, 92.723, 35.982

49, 92.884, 36.077

Harmonies

Complementary

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



80, 17.664, 12.275



89, 15.932, 188.920

Rectangle

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



80, 17.664, 12.275



80, 17.664, 62.275



80, 17.664, 192.275



80, 17.664, 242.275

Sweetspot

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



80, 17.662, 12.281



96, 5.527, 10.835



81, 28.380, 322.182



51, 3.674, 10.904



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, 17.662, 12.281



84, 23.416, 12.809



84, 14.349, 59.938



46, 4.946, 11.187



38, 76.223, 35.324



7, 28.126, 18.270

Inverse Universe

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



80, 17.662, 12.281



84, 23.416, 12.809



85, 13.103, 244.260



46, 4.946, 11.187



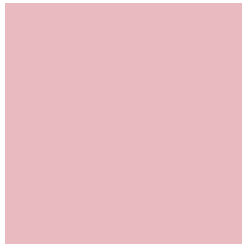
38, 76.223, 35.324



7, 28.126, 18.270

Previews

White Background



This preview shows how the CIELCh color 80, 17.664, 12.275 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 80, 17.664, 12.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

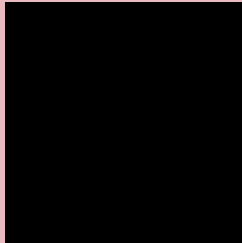
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 17.664, 12.275

Background



This preview shows how black text looks on a background with the CIELCh color 80, 17.664, 12.275.



This preview shows how white text looks on a background with the CIELCh color 80, 17.664, 12.275.

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, 17.664, 12.275

Protanopia

80, 1.471, 19.147

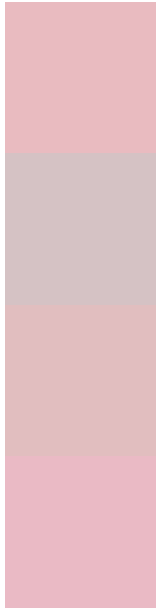
Deuteranopia

80, 10.984, 22.979



Tritanopia
80, 19.407, 358.644

Trichromacy



Original Color
80, 17.664, 12.275

Protanomaly
80, 7.162, 11.394

Deuteranomaly
80, 13.282, 18.164

Tritanomaly
80, 18.956, 3.162

Monochromacy



Original Color
80, 17.664, 12.275

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.404, 10.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 17.664, 12.275 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(233, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(233, 187, 192)  
}
```

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(233, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 187, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 17.664, 12.275 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(233, 187, 192) }
```

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

```
.border{ border-color:rgb(233, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(233, 187,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 17.664, 12.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 187, 192) }
```

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

```
.background{ background-color: rgb(233,  
187, 192) }
```

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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