

Converting Colors

CIELCh(80, 19.820, 46.260)

Have a look what the booklet for
CIELCh(80, 19.820, 46.260) contains.

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Color

CIELCh(80, 20.061, 47.077)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EABDAC |
| RGB | 234, 189, 172 |
| RGB Percent | 92%, 74%, 67% |
| CMY | 0.0835, 0.2599, 0.3266 |
| CMYK | 0.00, 0.19, 0.27, 0.08 |
| HSL | 16°, 59%, 79% |
| HSV | 16°, 27%, 92% |
| XYZ | 59.3881, 56.6813, 46.6991 |
| YIQ | 200.5170, 32.2770, 4.2530 |

Conversions

Conversions Part 2

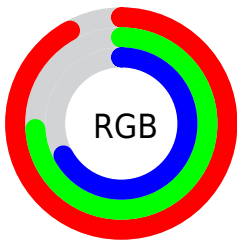
| Format | Color |
|-------------------------------------|---|
| RYB | 234, 195, 172 |
| Decimal | 15383980 |
| CIELab | 80.00, 13.66, 14.69 |
| CIELCh | 80, 20.061, 47.077 |
| Yxy | 56.6813, 0.3649, 0.3482 |
| Android (android.graphics.Color) | 4293574060 (0xFFEABDAC) |
| YUV | 200.5170, -14.0589, 29.3646 |
| Hunter-Lab | 75.2870, 9.0527, 15.9244 |

Details

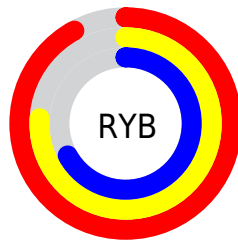
The CIELCh color **80, 20.061, 47.077** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 16.989, 230.586**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 9.853, 87.751**, and **60, 19.794, 47.607** is the 20% darker color. If you saturate the color by 10%, you get **75, 28.763, 46.787**, and if you desaturate by 10%, it is **85, 12.007, 47.480**.

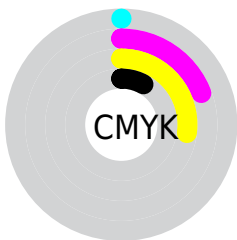
Distribution



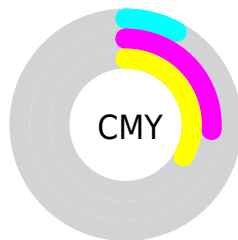
- Red (92%)
- Green (74%)
- Blue (67%)



- Red (92%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (8%)



- Cyan (8%)
- Magenta (26%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 20.061, 47.077 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, 20.061, 47.077 by changing the saturation by 10% instead.

 80, 20.061, 47.077

 80, 20.061, 47.077

 100, 20.061,
47.077

 70, 20.061, 47.077

 60, 20.061, 47.077

 50, 20.061, 47.077

 40, 20.061, 47.077

 30, 20.061, 47.077

 20, 20.061, 47.077

 10, 20.061, 47.077

 0, 20.061, 47.077

 80, 20.061, 47.077

 80, 20.061, 47.077

75, 28.763, 46.787

85, 12.007, 47.480

71, 38.137, 46.618

89, 4.556, 47.898

67, 48.157, 46.597

94, 2.349, 228.831

63, 58.699, 46.713

99, 7.288, 199.035

60, 69.441, 46.883

56, 79.630, 46.856

54, 87.782, 46.085

53, 90.209, 45.789

Harmonies

Complementary

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



80, 20.061, 47.077



84, 16.989, 230.586

Rectangle

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



80, 20.061, 47.077



80, 20.061, 97.077



80, 20.061, 227.077



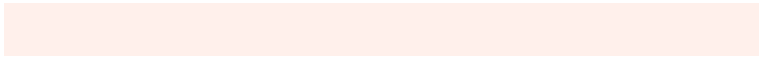
80, 20.061, 277.077

Sweetspot

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



80, 20.060, 47.085



96, 6.036, 47.843



77, 32.894, 334.804



50, 4.315, 47.782



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, 20.060, 47.085



84, 26.577, 46.903



88, 25.299, 95.133



47, 4.028, 47.785



41, 74.064, 46.297



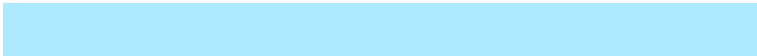
10, 23.891, 39.391

Inverse Universe

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



84, 16.989, 230.586



89, 21.609, 231.268



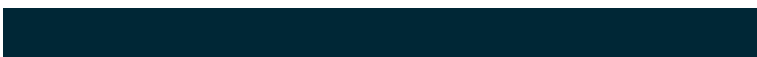
76, 25.877, 282.088



47, 3.818, 229.078



51, 36.437, 251.087



14, 14.903, 242.860

Previews

White Background



This preview shows how the CIELCh color 80, 20.061, 47.077 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, 20.061, 47.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

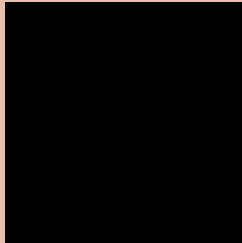
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 20.061, 47.077

Background



This preview shows how black text looks on a background with the CIELCh color 80, 20.061, 47.077.



This preview shows how white text looks on a background with the CIELCh color 80, 20.061, 47.077.

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, 20.061, 47.077

Protanopia

80, 12.159, 92.568

Deuteranopia

80, 18.155, 55.770



Tritanopia
80, 20.842, 0.420

Trichromacy



Original Color
80, 20.061, 47.077

Protanomaly
80, 14.086, 71.717

Deuteranomaly
80, 18.860, 52.454

Tritanomaly
80, 19.191, 16.260

Monochromacy



Original Color
80, 20.061, 47.077

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 6.803, 47.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 20.061, 47.077 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, 189, 172)` looks like.

```
.text, #text, p{  
    color:rgb(234, 189, 172)  
}
```

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, 189, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 189, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 20.061, 47.077 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, 189, 172) }
```

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

```
.border{ border-color:rgb(234, 189, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 189, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 189, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 189, 172);  
box-shadow:4px 4px 4px 4px rgb(234, 189,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 20.061, 47.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 189, 172) }
```

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

```
.background{ background-color: rgb(234,  
189, 172) }
```

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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