

Converting Colors

CIELCh(80, 13.824, 20.457)

Have a look what the booklet for
CIELCh(80, 13.824, 20.457) contains.

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Color

CIELCh(80, 13.688, 20.468)

Conversions

Conversions Part 1

Format	Color
Hex	E2BEBE
RGB	226, 190, 190
RGB Percent	89%, 75%, 75%
CMY	0.1139, 0.2551, 0.2551
CMYK	0.00, 0.16, 0.16, 0.11
HSL	0°, 38%, 82%
HSV	0°, 16%, 89%
XYZ	59.0395, 56.6813, 56.5154
YIQ	200.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

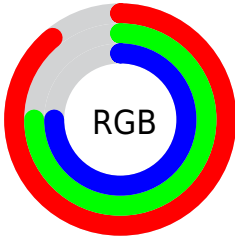
Format	Color
R _Y B	226, 190, 190
Decimal	14859966
CIE Lab	80.00, 12.82, 4.79
CIE LCh	80, 13.688, 20.468
Yxy	56.6813, 0.3428, 0.3291
Android (android.graphics.Color)	4293050046 (0xFFE2BEBE)
YUV	200.7640, -5.3067, 22.1320
Hunter-Lab	75.2870, 8.2262, 8.1938

Details

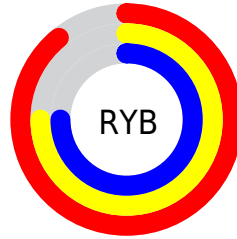
The CIELCh color $80, 13.688, 20.468$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $87, 12.343, 198.613$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 3.185, 19.412$, and $60, 13.395, 20.749$ is the 20% darker color. If you saturate the color by 10%, you get $74, 23.161, 21.457$, and if you desaturate by 10%, it is $86, 4.898, 19.656$.

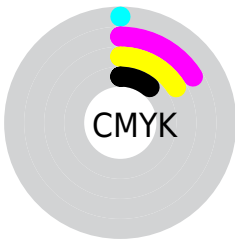
Distribution



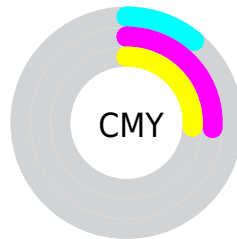
- Red (89%)
- Green (75%)
- Blue (75%)



- Red (89%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 13.688, 20.468 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, 13.688, 20.468 by changing the saturation by 10% instead.

 80, 13.688, 20.468

 80, 13.688, 20.468

 100, 13.688,
20.468

 70, 13.688, 20.468

 60, 13.688, 20.468

 50, 13.688, 20.468

 40, 13.688, 20.468

 30, 13.688, 20.468

 20, 13.688, 20.468

 10, 13.688, 20.468

 0, 13.688, 20.468

 80, 13.688, 20.468

 80, 13.688, 20.468

74, 23.161, 21.457

86, 4.898, 19.656

68, 33.297, 22.722

92, 3.226, 199.390

63, 43.992, 24.375

98, 9.860, 198.850

58, 55.043, 26.529

54, 66.136, 29.279

51, 76.832, 32.613

49, 86.413, 36.202

47, 93.299, 39.074

47, 95.438, 40.001

Harmonies

Complementary

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



80, 13.688, 20.468



87, 12.343, 198.613

Rectangle

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



80, 13.688, 20.468



80, 13.688, 70.468



80, 13.688, 200.468



80, 13.688, 250.468

Sweetspot

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



80, 13.686, 20.477



97, 4.538, 19.576



81, 23.075, 325.305



51, 3.105, 19.640



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, 13.686, 20.477



87, 18.232, 20.765



84, 11.671, 73.429



44, 4.728, 19.942



36, 79.112, 39.954



6, 25.539, 20.944

Inverse Universe

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



87, 12.343, 198.613



97, 16.078, 198.447



83, 11.203, 257.655



46, 4.454, 198.980



65, 37.933, 196.403



17, 15.583, 196.401

Previews

White Background



This preview shows how the CIELCh color 80, 13.688, 20.468 looks on a white background.

Color Contrast Check

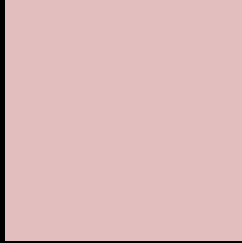
Large Text (above 18pt) WCAG AA × Fail

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, 13.688, 20.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

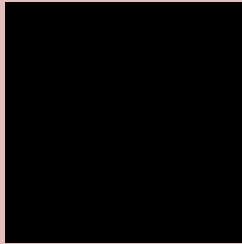
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 13.688, 20.468

Background



This preview shows how black text looks on a background with the CIELCh color 80, 13.688, 20.468.

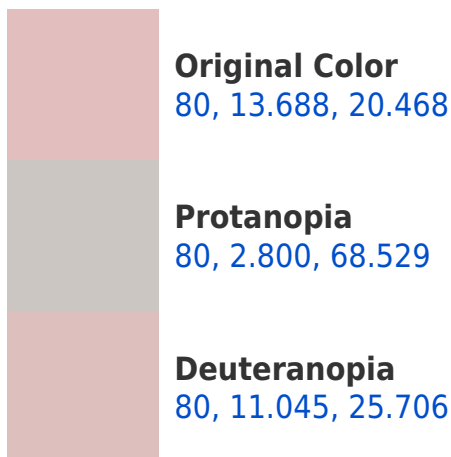



This preview shows how white text looks on a background with the CIELCh color 80, 13.688, 20.468.

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](#).

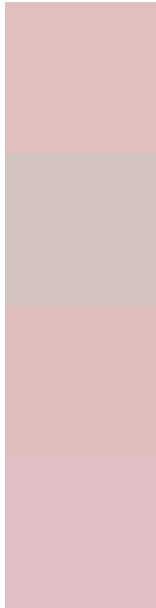
Dichromacy





Tritanopia
80, 16.840, 352.660

Trichromacy



Original Color
80, 13.688, 20.468

Protanomaly
80, 6.072, 29.821

Deuteranomaly
80, 12.158, 22.815

Tritanomaly
80, 15.003, 2.138

Monochromacy



Original Color
80, 13.688, 20.468

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.821, 19.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 13.688, 20.468 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(226, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(226, 190, 190)  
}
```

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(226, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 190, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 13.688, 20.468 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(226, 190, 190) }
```

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

```
.border{ border-color:rgb(226, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(226, 190,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 13.688, 20.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 190, 190) }
```

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

```
.background{ background-color: rgb(226,  
190, 190) }
```

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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