

Converting Colors

CIELCh(81, 11.678, 38.575)

Have a look what the booklet for
CIELCh(81, 11.678, 38.575) contains.

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Color

CIELCh(81, 11.678, 38.575)

Conversions

Conversions Part 1

Format	Color
Hex	E0C3BC
RGB	224, 195, 188
RGB Percent	88%, 76%, 74%
CMY	0.1218, 0.2355, 0.2630
CMYK	0.00, 0.13, 0.16, 0.12
HSL	12°, 37%, 81%
HSV	12°, 16%, 88%
XYZ	59.2957, 58.4711, 55.7060
YIQ	202.8730, 19.5310, 3.9710

Conversions

Conversions Part 2

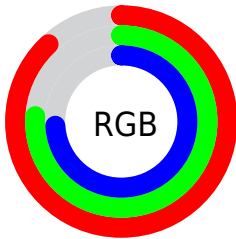
Format	Color
R _Y B	224, 197, 188
Decimal	14730172
CIE Lab	81.00, 9.13, 7.28
CIE LCh	81, 11.678, 38.575
Yxy	58.4711, 0.3418, 0.3371
Android (android.graphics.Color)	4292920252 (0xFFE0C3BC)
YUV	202.8730, -7.3324, 18.5284
Hunter-Lab	76.4664, 4.6013, 10.3335

Details

The CIELCh color **81, 11.678, 38.575** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 10.516, 219.398**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.181, 95.099**, and **61, 11.536, 37.250** is the 20% darker color. If you saturate the color by 10%, you get **76, 19.751, 38.625**, and if you desaturate by 10%, it is **86, 4.234, 38.602**.

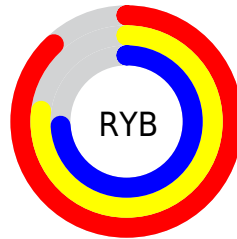
Distribution



Red (88%)

Green (76%)

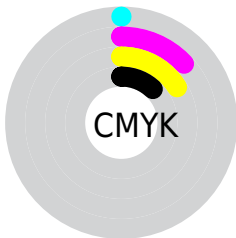
Blue (74%)



Red (88%)

Yellow (77%)

Blue (74%)

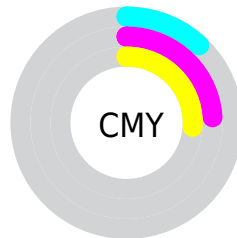


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (12%)



Cyan (12%)

Magenta (24%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 11.678, 38.575 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 81, 11.678, 38.575 by changing the saturation by 10% instead.

 81, 11.678, 38.575

 81, 11.678, 38.575

 100, 11.678,
38.575

 71, 11.678, 38.575

 61, 11.678, 38.575

 51, 11.678, 38.575

 41, 11.678, 38.575

 31, 11.678, 38.575

 21, 11.678, 38.575

 11, 11.678, 38.575

 1, 11.678, 38.575

 0, 11.678, 38.575

81, 11.678, 38.575

81, 11.678, 38.575

76, 19.751, 38.625

86, 4.234, 38.602

71, 28.497, 38.809

91, 2.633, 219.162

67, 37.926, 39.186

96, 8.964, 218.862

62, 47.998, 39.793

98, 10.519,
198.805

58, 58.578, 40.643

55, 69.352, 41.678

52, 79.609, 42.653

50, 87.842, 42.954

49, 90.530, 43.043

Harmonies

Complementary

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



81, 11.678, 38.575



85, 10.516, 219.398

Rectangle

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



81, 11.678, 38.575



81, 11.678, 88.575



81, 11.678, 218.575



81, 11.678, 268.575

Sweetspot

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



81, 11.677, 38.587



97, 3.856, 38.589



80, 20.369, 330.935



51, 2.638, 38.599



0, 0.000, 0.000



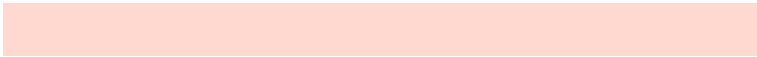
53, 0.007, 296.813

Same Dimension

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



81, 11.677, 38.587



89, 15.533, 38.587



85, 13.573, 90.411



44, 4.020, 38.607



39, 75.208, 43.422



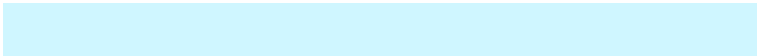
8, 22.413, 31.848

Inverse Universe

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



85, 10.516, 219.398



94, 13.686, 219.529



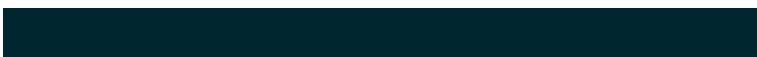
80, 13.573, 274.652



46, 3.789, 219.186



54, 33.170, 234.228



14, 13.540, 227.335

Previews

White Background



This preview shows how the CIELCh color 81, 11.678, 38.575 looks on a white background.

Color Contrast Check

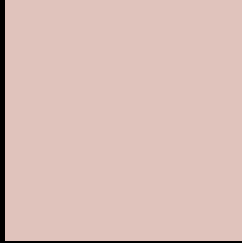
Large Text (above 18pt) WCAG AA × Fail

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 81, 11.678, 38.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

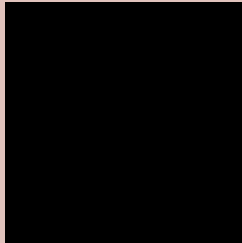
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 11.678, 38.575

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.678, 38.575.

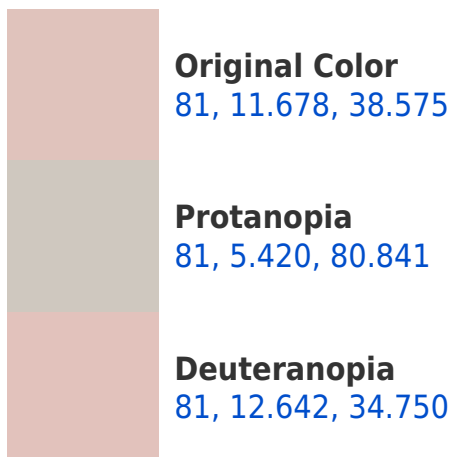


This preview shows how white text looks on a background with the CIELCh color 81, 11.678, 38.575.

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](#).

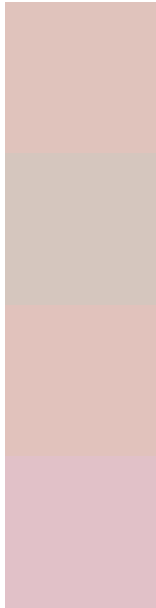
Dichromacy





Tritanopia
81, 14.847, 348.288

Trichromacy



Original Color
81, 11.678, 38.575

Protanomaly
81, 7.053, 56.518

Deuteranomaly
81, 12.263, 35.181

Tritanomaly
81, 12.499, 3.188

Monochromacy



Original Color
81, 11.678, 38.575

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 4.202, 34.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 11.678, 38.575 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(224, 195, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 195, 188)  
}
```

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(224, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 195, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.678, 38.575 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(224, 195, 188) }
```

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

```
.border{ border-color:rgb(224, 195, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 195, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 195, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 195, 188); box-shadow:4px 4px 4px 4px rgb(224, 195, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.678, 38.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 195, 188) }
```

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

```
.background{ background-color: rgb(224,  
195, 188) }
```

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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