

Converting Colors

CIELCh(81, 19.049, 68.086)

Have a look what the booklet for
CIELCh(81, 19.049, 68.086) contains.

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Color

CIELCh(81, 18.921, 68.556)

Conversions

Conversions Part 1

Format	Color
Hex	E3C4A9
RGB	227, 196, 169
RGB Percent	89%, 77%, 66%
CMY	0.1111, 0.2326, 0.3384
CMYK	0.00, 0.14, 0.26, 0.11
HSL	28°, 51%, 78%
HSV	28°, 26%, 89%
XYZ	58.3793, 58.4711, 45.5961
YIQ	202.1910, 27.1430, -1.8250

Conversions

Conversions Part 2

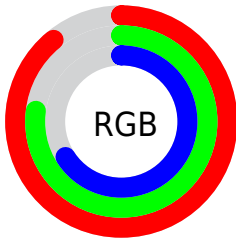
Format	Color
RYB	227, 220, 169
Decimal	14927017
CIELab	81.00, 6.92, 17.61
CIElCh	81, 18.921, 68.556
Yxy	58.4711, 0.3594, 0.3599
Android (android.graphics.Color)	4293117097 (0xFFE3C4A9)
YUV	202.1910, -16.3632, 21.7575
Hunter-Lab	76.4664, 2.4621, 18.1725

Details

The CIELCh color $81, 18.921, 68.556$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $79, 17.380, 255.378$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 14.706, 106.210$, and $61, 18.831, 67.641$ is the 20% darker color. If you saturate the color by 10%, you get $78, 27.040, 67.385$, and if you desaturate by 10%, it is $85, 11.220, 69.737$.

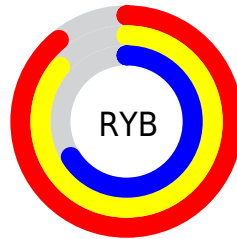
Distribution



Red (89%)

Green (77%)

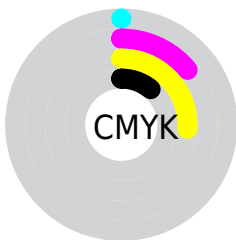
Blue (66%)



Red (89%)

Yellow (86%)

Blue (66%)

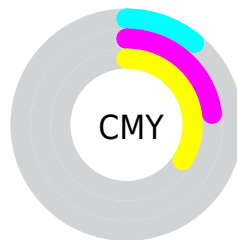


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 18.921, 68.556 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, 18.921, 68.556 by changing the saturation by 10% instead.

 81, 18.921, 68.556

 81, 18.921, 68.556

 100, 18.921,
68.556

 71, 18.921, 68.556

 61, 18.921, 68.556

 51, 18.921, 68.556

 41, 18.921, 68.556

 31, 18.921, 68.556

 21, 18.921, 68.556

 11, 18.921, 68.556

 1, 18.921, 68.556

 0, 18.921, 68.556

81, 18.921, 68.556

81, 18.921, 68.556

78, 27.040, 67.385

85, 11.220, 69.737

74, 35.577, 66.207

88, 3.911, 70.845

71, 44.485, 65.026

92, 3.039, 252.262

68, 53.619, 63.811

95, 8.045, 243.134

65, 62.638, 62.472

98, 9.621, 198.867

62, 70.856, 60.811

60, 77.151, 58.463

59, 79.445, 57.308

Harmonies

Complementary

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



81, 18.921, 68.556



79, 17.380, 255.378

Rectangle

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



81, 18.921, 68.556



81, 18.921, 118.556



81, 18.921, 248.556



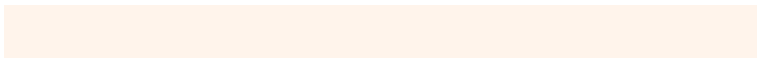
81, 18.921, 298.556

Sweetspot

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



81, 18.921, 68.565



97, 6.214, 70.588



75, 27.345, 343.245



51, 4.434, 70.422



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, 18.921, 68.565



88, 25.617, 67.901



88, 28.445, 105.508



45, 3.991, 70.437



46, 65.463, 57.995



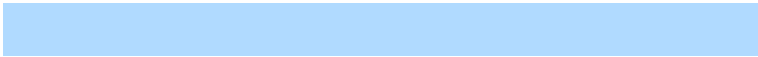
11, 19.684, 56.381

Inverse Universe

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



79, 17.380, 255.378



85, 23.036, 256.456



72, 30.041, 291.249



45, 3.883, 252.860



40, 50.830, 280.300



9, 17.905, 270.728

Previews

White Background



This preview shows how the CIELCh color 81, 18.921, 68.556 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, 18.921, 68.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

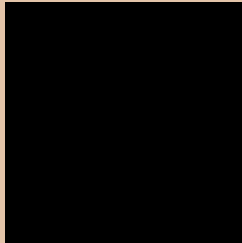
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 18.921, 68.556

Background



This preview shows how black text looks on a background with the CIELCh color 81, 18.921, 68.556.



This preview shows how white text looks on a background with the CIELCh color 81, 18.921, 68.556.

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](#).

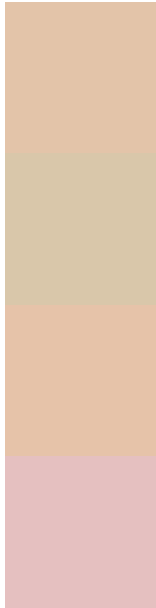
Dichromacy





Tritanopia
81, 17.139, 353.278

Trichromacy



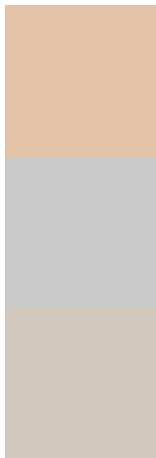
Original Color
81, 18.921, 68.556

Protanomaly
81, 16.902, 84.141

Deuteranomaly
81, 19.654, 64.129

Tritanomaly
81, 14.046, 20.489

Monochromacy



Original Color
81, 18.921, 68.556

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.701, 71.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 18.921, 68.556 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(227, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(227, 196, 169)  
}
```

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(227, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 196, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 18.921, 68.556 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(227, 196, 169) }
```

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

```
.border{ border-color:rgb(227, 196, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 196, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 196, 169); box-shadow:4px 4px 4px 4px rgb(227, 196, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 18.921, 68.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 196, 169) }
```

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

```
.background{ background-color: rgb(227,  
196, 169) }
```

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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