

Converting Colors

CIELCh(81, 10.978, 20.223)

Have a look what the booklet for
CIELCh(81, 10.978, 20.223) contains.

CIELCh(81, 11.311, 20.252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 11.311, 20.252)

Conversions

Conversions Part 1	
Format	Color
Hex	E0C2C2
RGB	224, 194, 194
RGB Percent	88%, 76%, 76%
CMY	0.1207, 0.2383, 0.2383
CMYK	0.00, 0.13, 0.13, 0.12
HSL	0°, 33%, 82%
HSV	0°, 13%, 88%
XYZ	59.9149, 58.4711, 59.2975
YIQ	202.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

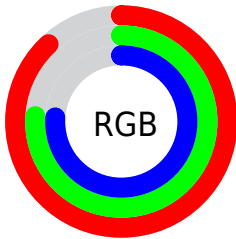
Format	Color
RYB	224, 194, 194
Decimal	14729922
CIELab	81.00, 10.61, 3.92
CIELCh	81, 11.311, 20.252
Yxy	58.4711, 0.3372, 0.3291
Android (android.graphics.Color)	4292920002 (0xFFE0C2C2)
YUV	202.9700, -4.4222, 18.4433
Hunter-Lab	76.4664, 6.0467, 7.5487

Details

The CIELCh color **81, 11.311, 20.252** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 10.379, 198.755**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.487, 38.999**, and **61, 11.682, 20.547** is the 20% darker color. If you saturate the color by 10%, you get **75, 20.551, 21.185**, and if you desaturate by 10%, it is **87, 2.748, 19.403**.

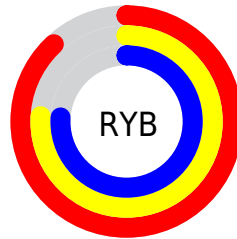
Distribution



Red (88%)

Green (76%)

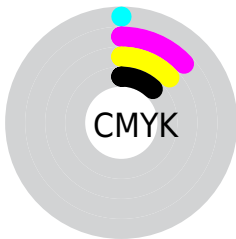
Blue (76%)



Red (88%)

Yellow (76%)

Blue (76%)

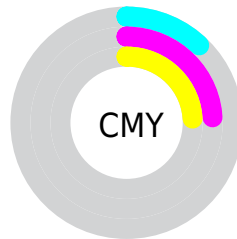


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (12%)



Cyan (12%)

Magenta (24%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 11.311, 20.252 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, 11.311, 20.252 by changing the saturation by 10% instead.

 81, 11.311, 20.252

 81, 11.311, 20.252

 100, 11.311,
20.252

 71, 11.311, 20.252

 61, 11.311, 20.252

 51, 11.311, 20.252

 41, 11.311, 20.252

 31, 11.311, 20.252

 21, 11.311, 20.252

 11, 11.311, 20.252

 1, 11.311, 20.252

 0, 11.311, 20.252

 81, 11.311, 20.252

 81, 11.311, 20.252


 75, 20.551, 21.185

 87, 2.748, 19.403

 69, 30.461, 22.367

 93, 5.166, 199.196

 64, 40.962, 23.909

 98, 10.425,
198.811

 59, 51.879, 25.923

 55, 62.929, 28.512

 51, 73.712, 31.707

 49, 83.623, 35.290

 47, 91.379, 38.479

 47, 94.890, 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.



81, 11.311, 20.252



87, 10.379, 198.755

Rectangle

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



81, 11.311, 20.252



81, 11.311, 70.252



81, 11.311, 200.252



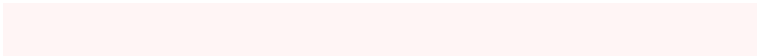
81, 11.311, 250.252

Sweetspot

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



81, 11.309, 20.263



97, 3.616, 19.478



82, 19.243, 325.162



51, 2.578, 19.555



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, 11.309, 20.263



89, 15.171, 20.495



85, 9.684, 73.740



44, 4.727, 19.945



36, 79.111, 39.954



6, 25.538, 20.945

Inverse Universe

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



87, 10.379, 198.755



97, 13.665, 198.607



83, 9.364, 257.268



46, 4.453, 198.983



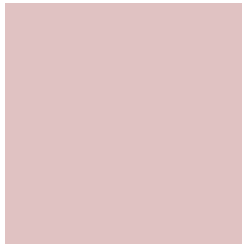
65, 37.932, 196.408



17, 15.582, 196.405

Previews

White Background



This preview shows how the CIE LCh color 81, 11.311, 20.252 looks on a white background.

Color Contrast Check

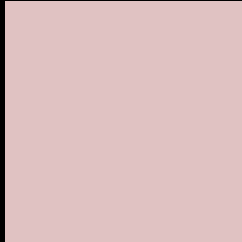
Large Text (above 18pt) WCAG AA × Fail

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 81, 11.311, 20.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

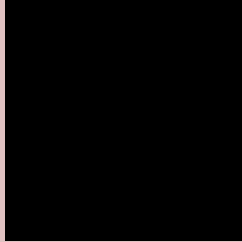
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 11.311, 20.252

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.311, 20.252.



This preview shows how white text looks on a background with the CIELCh color 81, 11.311, 20.252.

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

81, 11.311, 20.252

Protanopia

81, 2.441, 45.027

Deuteranopia

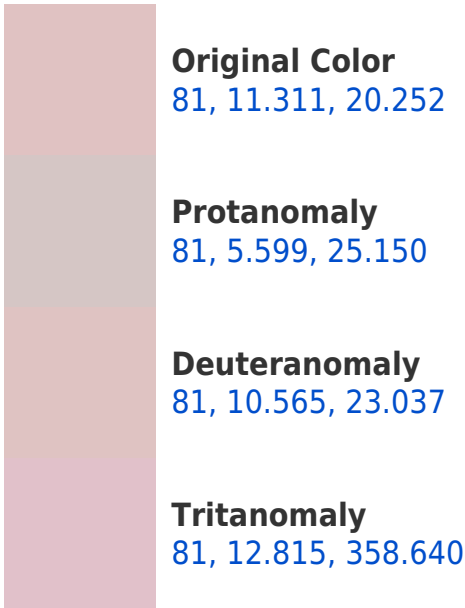
81, 10.565, 23.037



Tritanopia

81, 14.847, 348.288

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 81, 11.311, 20.252 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, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(224, 194, 194)  
}
```

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, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 194, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.311, 20.252 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, 194, 194) }
```

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

```
.border{ border-color:rgb(224, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(224, 194,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.311, 20.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 194, 194) }
```

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

```
.background{ background-color: rgb(224,  
194, 194) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor