

Converting Colors

CIELCh(82, 20.284, 58.824)

Have a look what the booklet for
CIELCh(82, 20.284, 58.824) contains.

CIELCh(82, 20.409, 58.325)	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(82, 20.409, 58.325)

Conversions

Conversions Part 1

Format	Color
Hex	ECC4AC
RGB	236, 196, 172
RGB Percent	93%, 77%, 67%
CMY	0.0745, 0.2313, 0.3254
CMYK	0.00, 0.17, 0.27, 0.07
HSL	23°, 63%, 80%
HSV	23°, 27%, 93%
XYZ	61.7853, 60.2982, 47.4175
YIQ	205.2240, 31.5440, 1.0160

Conversions

Conversions Part 2

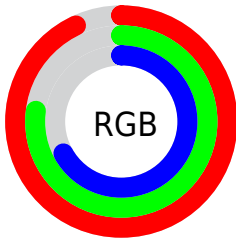
Format	Color
R_{YB}	236, 210, 172
Decimal	15516844
CIE _{Lab}	82.00, 10.72, 17.37
CIE _{LCh}	82, 20.409, 58.325
Yxy	60.2982, 0.3645, 0.3557
Android (android.graphics.Color)	4293706924 (0xFFECC4AC)
YUV	205.2240, -16.3794, 26.9906
Hunter-Lab	77.6519, 6.1362, 18.1514

Details

The CIELCh color **82, 20.409, 58.325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83, 17.863, 244.318**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.190, 106.011**, and **62, 20.179, 57.643** is the 20% darker color. If you saturate the color by 10%, you get **78, 28.922, 57.492**, and if you desaturate by 10%, it is **86, 12.449, 59.214**.

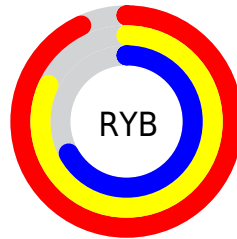
Distribution



Red (93%)

Green (77%)

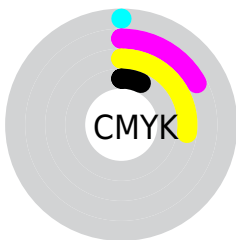
Blue (67%)



Red (93%)

Yellow (82%)

Blue (67%)

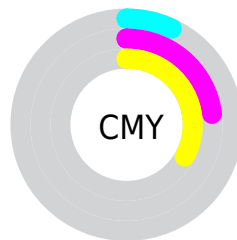


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (23%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 20.409, 58.325 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 82, 20.409, 58.325 by changing the saturation by 10% instead.

 82, 20.409, 58.325

 82, 20.409, 58.325

 100, 20.409,
58.325

 72, 20.409, 58.325

 62, 20.409, 58.325

 52, 20.409, 58.325

 42, 20.409, 58.325

 32, 20.409, 58.325

 22, 20.409, 58.325

 12, 20.409, 58.325

 2, 20.409, 58.325

 0, 20.409, 58.325

82, 20.409, 58.325

82, 20.409, 58.325

78, 28.922, 57.492

86, 12.449, 59.214

74, 38.005, 56.707

90, 5.005, 60.082

70, 47.621, 55.979

95, 1.973, 241.399

67, 57.631, 55.276

99, 6.511, 199.095

63, 67.675, 54.498

60, 76.970, 53.392

58, 84.191, 51.509

57, 86.032, 50.953

Harmonies

Complementary

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



82, 20.409, 58.325



83, 17.863, 244.318

Rectangle

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



82, 20.409, 58.325



82, 20.409, 108.325



82, 20.409, 238.325



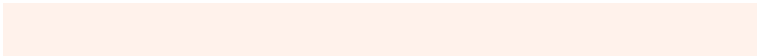
82, 20.409, 288.325

Sweetspot

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



82, 20.409, 58.333



96, 6.009, 60.008



77, 31.662, 339.234



51, 4.292, 59.881



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 20.409, 58.333



85, 27.003, 57.821



90, 28.730, 101.144



47, 4.007, 59.888



44, 70.124, 51.600



11, 22.750, 48.116

Inverse Universe

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



83, 17.863, 244.318



86, 22.843, 245.374



75, 30.048, 287.724



47, 3.845, 241.925



46, 43.306, 268.675



12, 16.753, 259.716

Previews

White Background



This preview shows how the CIELCh color 82, 20.409, 58.325 looks on a white background.

Color Contrast Check

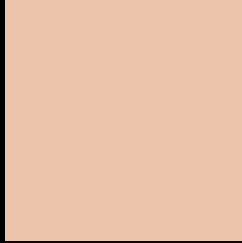
Large Text (above 18pt) WCAG AA × Fail

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 82, 20.409, 58.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

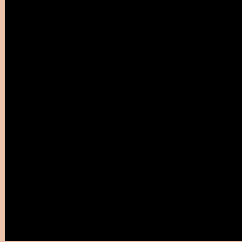
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 20.409, 58.325

Background



This preview shows how black text looks on a background with the CIELCh color 82, 20.409, 58.325.

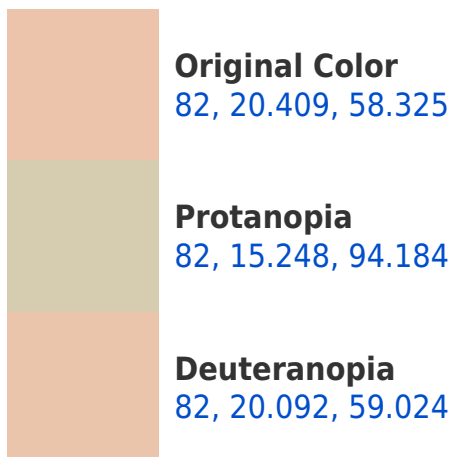


This preview shows how white text looks on a background with the CIELCh color 82, 20.409, 58.325.

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](#).

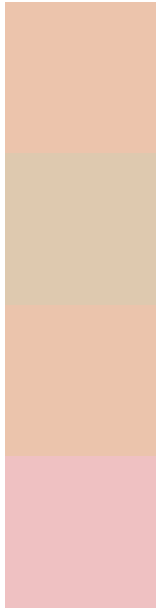
Dichromacy





Tritanopia
82, 19.838, 357.624

Trichromacy



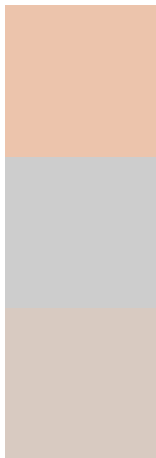
Original Color
82, 20.409, 58.325

Protanomaly
82, 16.007, 78.218

Deuteranomaly
82, 20.092, 59.024

Tritanomaly
82, 17.508, 19.065

Monochromacy



Original Color
82, 20.409, 58.325

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.074, 61.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 20.409, 58.325 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(236, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 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(236, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 20.409, 58.325 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(236, 196, 172) }
```

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

```
.border{ border-color:rgb(236, 196, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 196, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 196, 172); box-shadow:4px 4px 4px 4px rgb(236, 196, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 20.409, 58.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 172) }
```

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

```
.background{ background-color: rgb(236,  
196, 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](#).

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