

Converting Colors

CIELCh(82, 20.484, 55.832)

Have a look what the booklet for
CIELCh(82, 20.484, 55.832) contains.

CIELCh(82, 20.381, 56.572)	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, 20.381, 56.572)

Conversions

Conversions Part 1

Format	Color
Hex	EDC4AD
RGB	237, 196, 173
RGB Percent	93%, 77%, 68%
CMY	0.0718, 0.2325, 0.3227
CMYK	0.00, 0.17, 0.27, 0.07
HSL	22°, 64%, 80%
HSV	22°, 27%, 93%
XYZ	62.0042, 60.2982, 47.7555
YIQ	205.6370, 31.8190, 1.5390

Conversions

Conversions Part 2

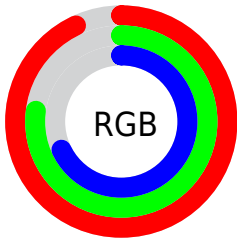
Format	Color
R _Y B	237, 209, 173
Decimal	15582381
CIE Lab	82.00, 11.23, 17.01
CIE LCh	82, 20.381, 56.572
Yxy	60.2982, 0.3646, 0.3546
Android (android.graphics.Color)	4293772461 (0xFFEDC4AD)
YUV	205.6370, -16.0900, 27.5054
Hunter-Lab	77.6519, 6.6394, 17.8933

Details

The CIELCh color **82, 20.381, 56.572** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83, 17.727, 242.232**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.685, 105.928**, and **62, 20.158, 55.786** is the 20% darker color. If you saturate the color by 10%, you get **78, 28.939, 55.814**, and if you desaturate by 10%, it is **86, 12.395, 57.395**.

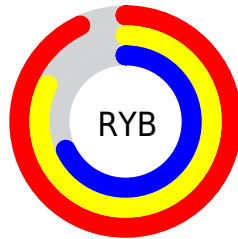
Distribution



Red (93%)

Green (77%)

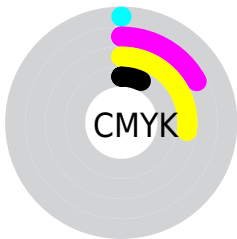
Blue (68%)



Red (93%)

Yellow (82%)

Blue (68%)

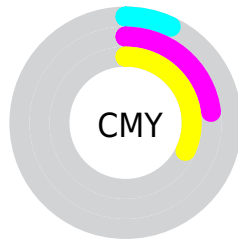


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (23%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 20.381, 56.572 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, 20.381, 56.572 by changing the saturation by 10% instead.

 82, 20.381, 56.572

 82, 20.381, 56.572

 100, 20.381,
56.572

 72, 20.381, 56.572

 62, 20.381, 56.572

 52, 20.381, 56.572

 42, 20.381, 56.572

 32, 20.381, 56.572

 22, 20.381, 56.572

 12, 20.381, 56.572

 2, 20.381, 56.572

 0, 20.381, 56.572

82, 20.381, 56.572

82, 20.381, 56.572

78, 28.939, 55.814

86, 12.395, 57.395

74, 38.090, 55.114

91, 4.942, 58.202

70, 47.799, 54.484

95, 2.029, 239.470

66, 57.931, 53.895

99, 6.285, 199.113

63, 68.133, 53.248

60, 77.624, 52.289

57, 85.043, 50.552

57, 86.982, 50.020

Harmonies

Complementary

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



82, 20.381, 56.572



83, 17.727, 242.232

Rectangle

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



82, 20.381, 56.572



82, 20.381, 106.572



82, 20.381, 236.572



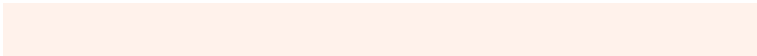
82, 20.381, 286.572

Sweetspot

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



82, 20.381, 56.580



96, 5.995, 58.127



78, 31.992, 338.451



51, 4.283, 58.009



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, 20.381, 56.580



85, 26.103, 56.182



90, 28.243, 100.223



47, 3.999, 58.015



44, 70.731, 50.658



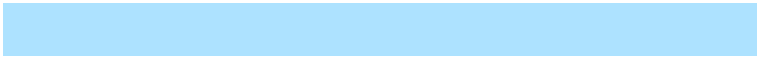
11, 22.895, 46.650

Inverse Universe

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



83, 17.727, 242.232



87, 22.028, 243.083



75, 29.442, 286.873



47, 3.828, 239.956



47, 42.018, 266.275



12, 16.384, 257.316

Previews

White Background



This preview shows how the CIELCh color 82, 20.381, 56.572 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, 20.381, 56.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

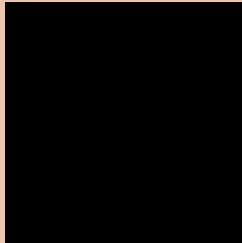
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 20.381, 56.572

Background



This preview shows how black text looks on a background with the CIELCh color 82, 20.381, 56.572.



This preview shows how white text looks on a background with the CIELCh color 82, 20.381, 56.572.

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

82, 20.381, 56.572

Protanopia

82, 14.738, 93.737

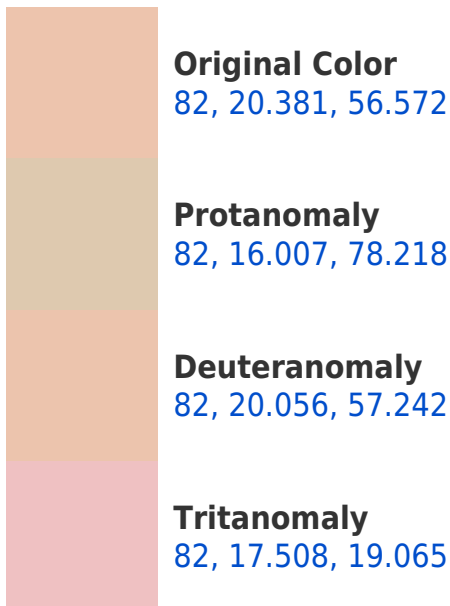
Deuteranopia

82, 19.734, 57.934



Tritanopia
82, 19.838, 357.624

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 20.381, 56.572 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(237, 196, 173)` looks like.

```
.text, #text, p{  
    color:rgb(237, 196, 173)  
}
```

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(237, 196, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 196, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 20.381, 56.572 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(237, 196, 173) }
```

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

```
.border{ border-color:rgb(237, 196, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 196, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(237, 196,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 20.381, 56.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 196, 173) }
```

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

```
.background{ background-color: rgb(237,  
196, 173) }
```

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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