

Converting Colors

CIELCh(82, 14.773, 20.539)

Have a look what the booklet for
CIELCh(82, 14.773, 20.539) contains.

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Color

CIELCh(82, 14.776, 20.536)

Conversions

Conversions Part 1

Format	Color
Hex	EAC3C3
RGB	234, 195, 195
RGB Percent	92%, 76%, 76%
CMY	0.0834, 0.2362, 0.2363
CMYK	0.00, 0.17, 0.17, 0.08
HSL	0°, 48%, 84%
HSV	0°, 17%, 92%
XYZ	63.1302, 60.2982, 59.7957
YIQ	206.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

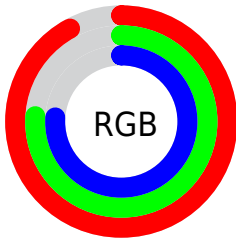
Format	Color
RYB	234, 195, 195
Decimal	15385539
CIELab	82.00, 13.84, 5.18
CIElCh	82, 14.776, 20.536
Yxy	60.2982, 0.3446, 0.3291
Android (android.graphics.Color)	4293575619 (0xFFEAC3C3)
YUV	206.6610, -5.7489, 23.9763
Hunter-Lab	77.6519, 9.2278, 8.7002

Details

The CIELCh color **82, 14.776, 20.536** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 13.252, 198.571**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.053, 18.850**, and **62, 14.974, 20.883** is the 20% darker color. If you saturate the color by 10%, you get **76, 24.569, 21.545**, and if you desaturate by 10%, it is **88, 5.687, 19.720**.

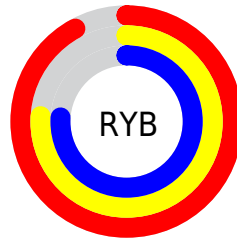
Distribution



Red (92%)

Green (76%)

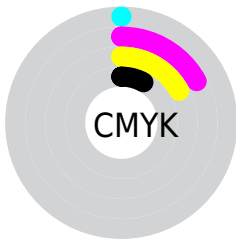
Blue (76%)



Red (92%)

Yellow (76%)

Blue (76%)

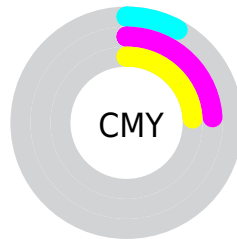


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (8%)



Cyan (8%)

Magenta (24%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 14.776, 20.536 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, 14.776, 20.536 by changing the saturation by 10% instead.

 82, 14.776, 20.536

 82, 14.776, 20.536

 100, 14.776,
20.536

 72, 14.776, 20.536

 62, 14.776, 20.536

 52, 14.776, 20.536

 42, 14.776, 20.536

 32, 14.776, 20.536

 22, 14.776, 20.536

 12, 14.776, 20.536

 2, 14.776, 20.536

 0, 14.776, 20.536

82, 14.776, 20.536

82, 14.776, 20.536

76, 24.569, 21.545

88, 5.687, 19.720

70, 35.039, 22.840

95, 2.714, 199.469

65, 46.073, 24.534

99, 7.272, 199.036

60, 57.450, 26.740

56, 68.837, 29.550

52, 79.767, 32.933

50, 89.450, 36.516

49, 96.172, 39.266

49, 97.910, 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.



82, 14.776, 20.536



90, 13.252, 198.571

Rectangle

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



82, 14.776, 20.536



82, 14.776, 70.536



82, 14.776, 200.536



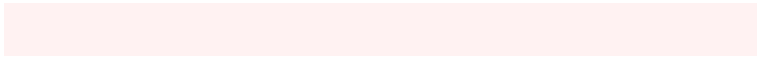
82, 14.776, 250.536

Sweetspot

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



82, 14.774, 20.544



97, 4.538, 19.575



83, 24.838, 325.348



51, 3.105, 19.639



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, 14.774, 20.544



86, 19.267, 20.859



87, 12.583, 73.333



46, 4.904, 19.945



38, 80.846, 39.987



7, 28.533, 22.720

Inverse Universe

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



90, 13.252, 198.571



97, 16.870, 198.395



85, 12.051, 257.778



48, 4.619, 198.976



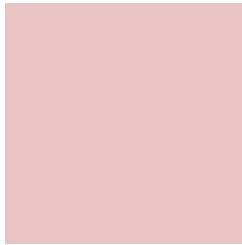
67, 38.747, 196.402



19, 16.592, 196.399

Previews

White Background



This preview shows how the CIELCh color 82, 14.776, 20.536 looks on a white background.

Color Contrast Check

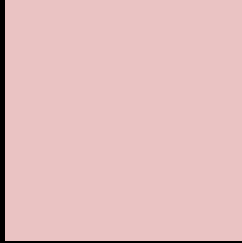
Large Text (above 18pt) WCAG AA × Fail

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, 14.776, 20.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

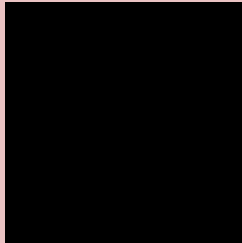
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 14.776, 20.536

Background



This preview shows how black text looks on a background with the CIELCh color 82, 14.776, 20.536.

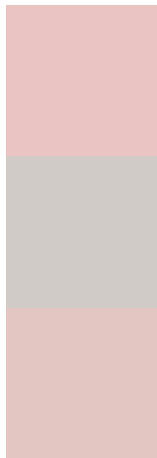


This preview shows how white text looks on a background with the CIELCh color 82, 14.776, 20.536.

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, 14.776, 20.536

Protanopia

82, 3.043, 63.261

Deuteranopia

82, 11.453, 28.134



Tritanopia
82, 17.424, 353.866

Trichromacy



Original Color
82, 14.776, 20.536

Protanomaly
82, 6.900, 33.066

Deuteranomaly
82, 12.537, 25.135

Tritanomaly
82, 16.014, 3.508

Monochromacy



Original Color
82, 14.776, 20.536

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 5.171, 19.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 14.776, 20.536 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(234, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 195)  
}
```

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(234, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 14.776, 20.536 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(234, 195, 195) }
```

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

```
.border{ border-color:rgb(234, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 14.776, 20.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 195) }
```

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

```
.background{ background-color: rgb(234,  
195, 195) }
```

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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