

Converting Colors

CIELCh(82, 20.842, 57.273)

Have a look what the booklet for
CIELCh(82, 20.842, 57.273) contains.

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Color

CIELCh(82, 20.731, 57.649)

Conversions

Conversions Part 1

Format	Color
Hex	EDC4AC
RGB	237, 196, 172
RGB Percent	93%, 77%, 67%
CMY	0.0716, 0.2323, 0.3264
CMYK	0.00, 0.17, 0.27, 0.07
HSL	22°, 64%, 80%
HSV	22°, 27%, 93%
XYZ	61.9465, 60.2982, 47.2822
YIQ	205.5230, 32.1400, 1.2280

Conversions

Conversions Part 2

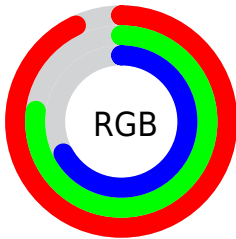
Format	Color
R _Y B	237, 210, 172
Decimal	15582380
CIE Lab	82.00, 11.09, 17.51
CIE LCh	82, 20.731, 57.649
Yxy	60.2982, 0.3654, 0.3557
Android (android.graphics.Color)	4293772460 (0xFFEDC4AC)
YUV	205.5230, -16.5268, 27.6053
Hunter-Lab	77.6519, 6.5069, 18.2547

Details

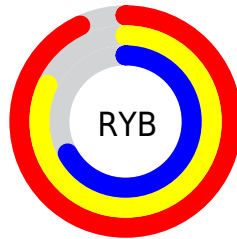
The CIELCh color **82, 20.731, 57.649** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83, 18.065, 243.612**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.190, 106.011**, and **62, 20.529, 56.927** is the 20% darker color. If you saturate the color by 10%, you get **78, 29.295, 56.845**, and if you desaturate by 10%, it is **86, 12.729, 58.513**.

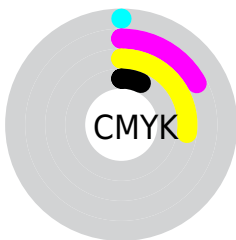
Distribution



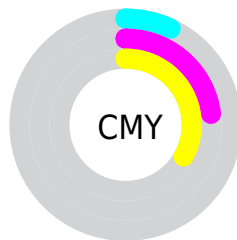
- Red (93%)
- Green (77%)
- Blue (67%)



- 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, 20.731, 57.649 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, 20.731, 57.649 by changing the saturation by 10% instead.

 82, 20.731, 57.649

 82, 20.731, 57.649

 100, 20.731,
57.649

 72, 20.731, 57.649

 62, 20.731, 57.649

 52, 20.731, 57.649

 42, 20.731, 57.649

 32, 20.731, 57.649

 22, 20.731, 57.649

 12, 20.731, 57.649

 2, 20.731, 57.649

 0, 20.731, 57.649

82, 20.731, 57.649

82, 20.731, 57.649

78, 29.295, 56.845

86, 12.729, 58.513

74, 38.439, 56.093

90, 5.252, 59.362

70, 48.123, 55.402

95, 1.751, 240.693

67, 58.204, 54.741

99, 6.265, 199.114

63, 68.314, 54.003

60, 77.647, 52.931

58, 84.869, 51.074

57, 86.518, 50.599

Harmonies

Complementary

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



82, 20.731, 57.649



83, 18.065, 243.612

Rectangle

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



82, 20.731, 57.649



82, 20.731, 107.649



82, 20.731, 237.649



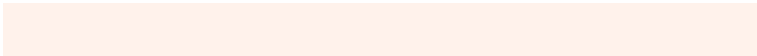
82, 20.731, 287.649

Sweetspot

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



82, 20.731, 57.657



96, 6.003, 59.316



77, 32.131, 339.264



51, 4.288, 59.192



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, 20.731, 57.657



85, 27.005, 57.189



90, 29.153, 101.106



47, 4.004, 59.199



44, 70.347, 51.248



11, 22.802, 47.572

Inverse Universe

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



83, 18.065, 243.612



87, 22.772, 244.599



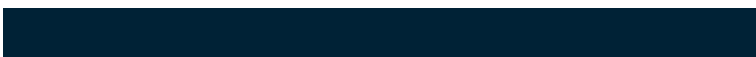
75, 30.511, 287.779



47, 3.838, 241.202



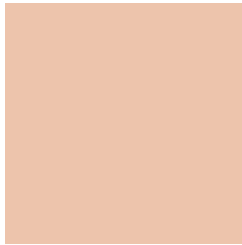
46, 42.823, 267.805



12, 16.614, 258.842

Previews

White Background



This preview shows how the CIELCh color 82, 20.731, 57.649 looks on a white background.

Color Contrast Check

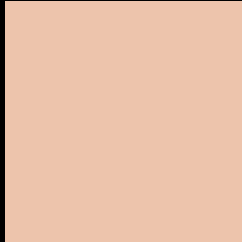
Large Text (above 18pt) WCAG AA × Fail

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 82, 20.731, 57.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

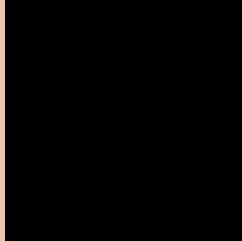
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 20.731, 57.649

Background



This preview shows how black text looks on a background with the CIELCh color 82, 20.731, 57.649.



This preview shows how white text looks on a background with the CIELCh color 82, 20.731, 57.649.

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, 20.731, 57.649

Protanopia

82, 15.248, 94.184

Deuteranopia

82, 20.092, 59.024



Tritanopia
82, 20.185, 358.091

Trichromacy



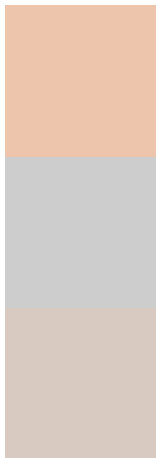
Original Color
82, 20.731, 57.649

Protanomaly
82, 16.471, 79.069

Deuteranomaly
82, 20.409, 58.325

Tritanomaly
82, 17.508, 19.065

Monochromacy



Original Color
82, 20.731, 57.649

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.361, 59.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 20.731, 57.649 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 196, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 20.731, 57.649 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, 172) }
```

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

```
.border{ border-color:rgb(237, 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(237, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 196, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 196, 172); box-shadow:4px 4px 4px 4px rgb(237, 196, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 20.731, 57.649 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, 172) }
```

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

```
.background{ background-color: rgb(237,  
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](#).

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