

Converting Colors

CIELCh(82, 20.256, 59.337)

Have a look what the booklet for
CIELCh(82, 20.256, 59.337) contains.

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Color

CIELCh(82, 20.092, 59.024)

Conversions

Conversions Part 1

Format	Color
Hex	EBC4AC
RGB	235, 196, 172
RGB Percent	92%, 77%, 67%
CMY	0.0773, 0.2303, 0.3245
CMYK	0.00, 0.17, 0.27, 0.08
HSL	23°, 62%, 80%
HSV	23°, 27%, 92%
XYZ	61.6246, 60.2982, 47.5512
YIQ	204.9250, 30.9480, 0.8040

Conversions

Conversions Part 2

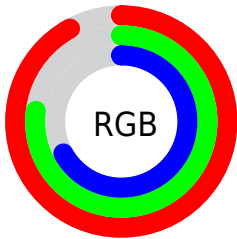
Format	Color
R _Y B	235, 211, 172
Decimal	15451308
CIE Lab	82.00, 10.34, 17.23
CIE LCh	82, 20.092, 59.024
Yxy	60.2982, 0.3636, 0.3558
Android (android.graphics.Color)	4293641388 (0xFFEBC4AC)
YUV	204.9250, -16.2320, 26.3758
Hunter-Lab	77.6519, 5.7668, 18.0493

Details

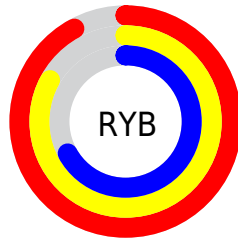
The CIELCh color **82, 20.092, 59.024** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83, 17.664, 245.044**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.190, 106.011**, and **62, 19.833, 58.385** is the 20% darker color. If you saturate the color by 10%, you get **78, 28.555, 58.162**, and if you desaturate by 10%, it is **86, 12.173, 59.938**.

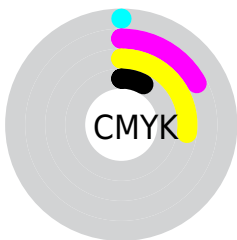
Distribution



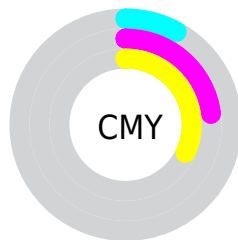
- Red (92%)
- Green (77%)
- Blue (67%)



- Red (92%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (8%)



- Cyan (8%)
- Magenta (23%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 20.092, 59.024 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, 20.092, 59.024 by changing the saturation by 10% instead.

 82, 20.092, 59.024

 82, 20.092, 59.024

 100, 20.092,
59.024

 72, 20.092, 59.024

 62, 20.092, 59.024

 52, 20.092, 59.024

 42, 20.092, 59.024

 32, 20.092, 59.024

 22, 20.092, 59.024

 12, 20.092, 59.024

 2, 20.092, 59.024

 0, 20.092, 59.024

82, 20.092, 59.024

82, 20.092, 59.024

78, 28.555, 58.162

86, 12.173, 59.938

74, 37.578, 57.344

90, 4.760, 60.824

70, 47.126, 56.578

95, 2.196, 242.134

67, 57.064, 55.834

98, 6.594, 201.193

64, 67.041, 55.014

99, 6.757, 199.076

61, 76.294, 53.875

58, 83.512, 51.968

57, 85.540, 51.324

Harmonies

Complementary

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



82, 20.092, 59.024



83, 17.664, 245.044

Rectangle

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



82, 20.092, 59.024



82, 20.092, 109.024



82, 20.092, 239.024



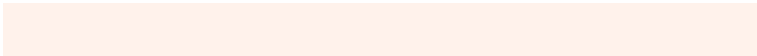
82, 20.092, 289.024

Sweetspot

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



82, 20.092, 59.033



96, 6.016, 60.721



77, 31.194, 339.204



51, 4.297, 60.591



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, 20.092, 59.033



86, 26.096, 58.561



90, 28.308, 101.182



47, 4.012, 60.598



44, 69.896, 51.969



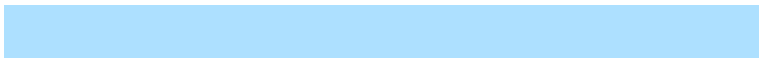
11, 22.698, 48.684

Inverse Universe

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



83, 17.664, 245.044



87, 22.275, 245.981



75, 29.588, 287.670



47, 3.853, 242.670



46, 43.815, 269.557



12, 16.901, 260.607

Previews

White Background



This preview shows how the CIELCh color 82, 20.092, 59.024 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, 20.092, 59.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

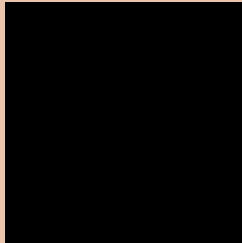
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 20.092, 59.024

Background



This preview shows how black text looks on a background with the CIELCh color 82, 20.092, 59.024.

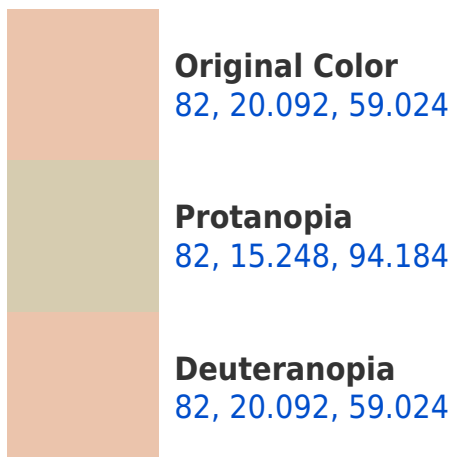


This preview shows how white text looks on a background with the CIELCh color 82, 20.092, 59.024.

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](#).

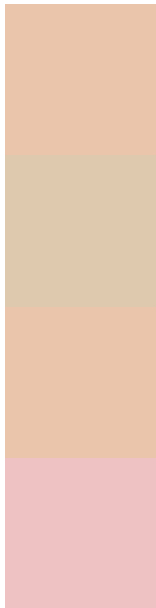
Dichromacy





Tritanopia
82, 19.493, 357.141

Trichromacy



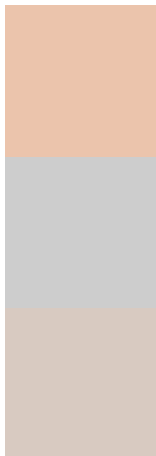
Original Color
82, 20.092, 59.024

Protanomaly
82, 16.007, 78.218

Deuteranomaly
82, 20.092, 59.024

Tritanomaly
82, 17.118, 18.993

Monochromacy



Original Color
82, 20.092, 59.024

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, 20.092, 59.024 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(235, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 20.092, 59.024 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(235, 196, 172) }
```

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

```
.border{ border-color:rgb(235, 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(235, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 196, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 196, 172);  
box-shadow:4px 4px 4px 4px rgb(235, 196,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 20.092, 59.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 196, 172) }
```

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

```
.background{ background-color: rgb(235,  
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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