

Converting Colors

CIELCh(82, 27.593, 72.999)

Have a look what the booklet for
CIELCh(82, 27.593, 72.999) contains.

CIELCh(82, 27.452, 73.012)	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, 27.452, 73.012)

Conversions

Conversions Part 1

Format	Color
Hex	ECC59B
RGB	236, 197, 155
RGB Percent	93%, 77%, 61%
CMY	0.0735, 0.2265, 0.3912
CMYK	0.00, 0.17, 0.34, 0.07
HSL	31°, 68%, 77%
HSV	31°, 34%, 93%
XYZ	60.6387, 60.2982, 39.5590
YIQ	203.8730, 36.7260, -4.7940

Conversions

Conversions Part 2

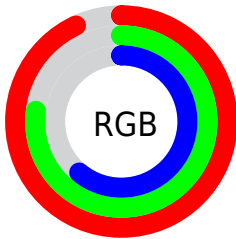
Format	Color
R _Y B	230, 236, 155
Decimal	15517083
CIE Lab	82.00, 8.02, 26.25
CIE LCh	82, 27.452, 73.012
Yxy	60.2982, 0.3778, 0.3757
Android (android.graphics.Color)	4293707163 (0xFFECC59B)
YUV	203.8730, -24.0944, 28.1754
Hunter-Lab	77.6519, 3.5005, 24.1516

Details

The CIELCh color **82, 27.452, 73.012** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 25.200, 263.097**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.243, 107.527**, and **62, 27.659, 72.818** is the 20% darker color. If you saturate the color by 10%, you get **79, 36.234, 71.704**, and if you desaturate by 10%, it is **85, 19.019, 74.313**.

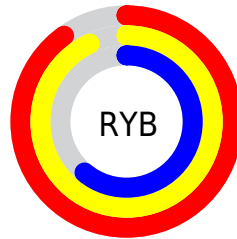
Distribution



Red (93%)

Green (77%)

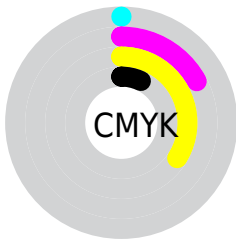
Blue (61%)



Red (90%)

Yellow (93%)

Blue (61%)

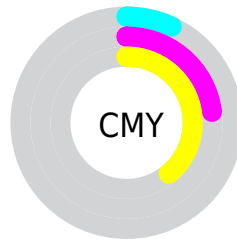


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (7%)



Cyan (7%)

Magenta (23%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.452, 73.012 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, 27.452, 73.012 by changing the saturation by 10% instead.

 82, 27.452, 73.012

 82, 27.452, 73.012

 100, 27.452,
73.012

 72, 27.452, 73.012

 62, 27.452, 73.012

 52, 27.452, 73.012

 42, 27.452, 73.012

 32, 27.452, 73.012

 22, 27.452, 73.012

 12, 27.452, 73.012

 2, 27.452, 73.012

 0, 27.452, 73.012

82, 27.452, 73.012

82, 27.452, 73.012

79, 36.234, 71.704

85, 19.019, 74.313

76, 45.302, 70.363

89, 10.944, 75.580

73, 54.496, 68.966

92, 3.212, 76.748

70, 63.459, 67.436

95, 4.204, 258.193

67, 71.504, 65.602

98, 6.135, 203.283

65, 77.559, 63.156

99, 6.426, 199.102

63, 80.105, 61.508

Harmonies

Complementary

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



82, 27.452, 73.012



77, 25.200, 263.097

Rectangle

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



82, 27.452, 73.012



82, 27.452, 123.012



82, 27.452, 253.012



82, 27.452, 303.012

Sweetspot

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



82, 27.452, 73.018



96, 8.069, 76.102



73, 36.485, 347.934



51, 5.523, 75.930



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, 27.452, 73.018



85, 35.446, 72.116



92, 41.106, 107.597



47, 4.279, 76.171



49, 65.422, 62.201



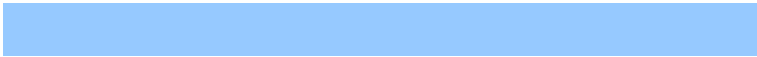
13, 22.195, 62.934

Inverse Universe

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



77, 25.200, 263.097



79, 31.925, 264.694



67, 44.806, 295.116



47, 4.196, 258.712



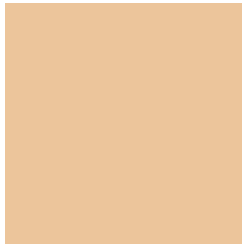
38, 57.860, 285.770



9, 21.260, 277.774

Previews

White Background



This preview shows how the CIELCh color 82, 27.452, 73.012 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, 27.452, 73.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

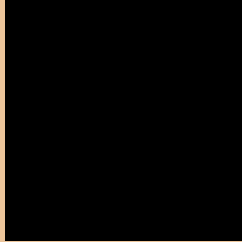
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 27.452, 73.012

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.452, 73.012.



This preview shows how white text looks on a background with the CIELCh color 82, 27.452, 73.012.

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, 27.452, 73.012

Protanopia

82, 24.823, 95.022

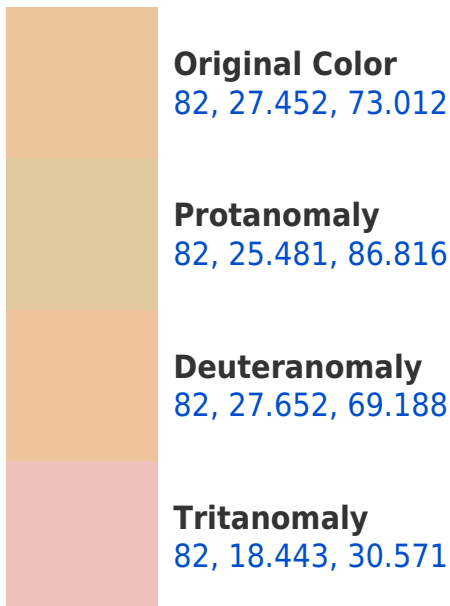
Deuteranopia

82, 27.925, 68.553

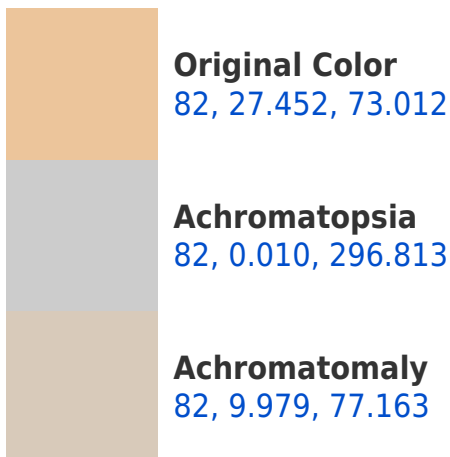


Tritanopia
82, 20.902, 358.995

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.452, 73.012 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, 197, 155)` looks like.

```
.text, #text, p{  
    color:rgb(236, 197, 155)  
}
```

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, 197, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 197, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.452, 73.012 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, 197, 155) }
```

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

```
.border{ border-color:rgb(236, 197, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 197, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 197, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 197, 155);  
box-shadow:4px 4px 4px 4px rgb(236, 197,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.452, 73.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 197, 155) }
```

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

```
.background{ background-color: rgb(236,  
197, 155) }
```

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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