

Converting Colors

CIELCh(87, 25.952, 92.175)

Have a look what the booklet for
CIELCh(87, 25.952, 92.175) contains.

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Color

CIELCh(87, 25.952, 92.175)

Conversions

Conversions Part 1

Format	Color
Hex	EBD9A9
RGB	235, 217, 169
RGB Percent	92%, 85%, 66%
CMY	0.0792, 0.1498, 0.3380
CMYK	0.00, 0.08, 0.28, 0.08
HSL	44°, 62%, 79%
HSV	44°, 28%, 92%
XYZ	66.0971, 70.0064, 47.4703
YIQ	216.9100, 26.1360, -11.1120

Conversions

Conversions Part 2

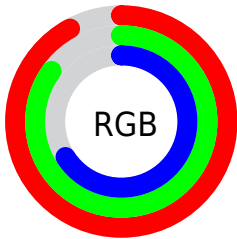
Format	Color
R_{YB}	194, 235, 169
Decimal	15456681
CIE Lab	87.00, -0.98, 25.93
CIE LCh	87, 25.952, 92.175
Yxy	70.0064, 0.3601, 0.3814
Android (android.graphics.Color)	4293646761 (0xFFEBD9A9)
YUV	216.9100, -23.6196, 15.8649
Hunter-Lab	83.6698, -5.4116, 24.9305

Details

The CIELCh color $87, 25.952, 92.175$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $76, 26.301, 279.831$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 15.682, 108.992$, and $67, 25.576, 92.206$ is the 20% darker color. If you saturate the color by 10%, you get $85, 35.353, 90.868$, and if you desaturate by 10%, it is $89, 16.610, 93.455$.

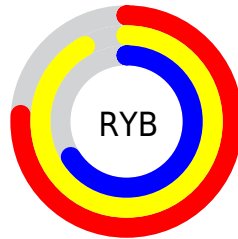
Distribution



Red (92%)

Green (85%)

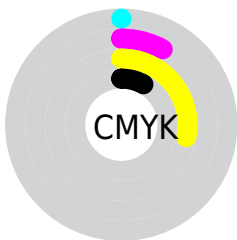
Blue (66%)



Red (76%)

Yellow (92%)

Blue (66%)

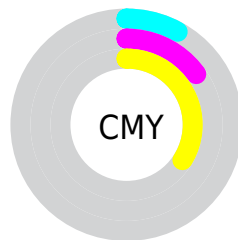


Cyan (0%)

Magenta (8%)

Yellow (28%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 25.952, 92.175 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 87, 25.952, 92.175 by changing the saturation by 10% instead.

87, 25.952, 92.175

87, 25.952, 92.175

100, 25.952,
92.175

77, 25.952, 92.175

67, 25.952, 92.175

57, 25.952, 92.175

47, 25.952, 92.175

37, 25.952, 92.175

27, 25.952, 92.175

17, 25.952, 92.175

7, 25.952, 92.175

0, 25.952, 92.175

87, 25.952, 92.175

87, 25.952, 92.175

85, 35.353, 90.868

89, 16.610, 93.455

83, 44.706, 89.519

91, 7.376, 94.678

81, 53.814, 88.132

93, 1.726, 276.034

79, 62.329, 86.687

95, 6.925, 268.583

78, 69.676, 85.141

97, 5.698, 233.061

76, 75.048, 83.403

99, 6.920, 199.063

74, 77.793, 81.352

74, 78.182, 80.949

Harmonies

Complementary

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



87, 25.952, 92.175



76, 26.301, 279.831

Rectangle

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



87, 25.952, 92.175



87, 25.952, 142.175



87, 25.952, 272.175



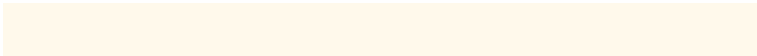
87, 25.952, 322.175

Sweetspot

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



87, 25.953, 92.181



98, 7.786, 94.685



76, 26.921, 0.221



52, 5.540, 94.506



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 25.953, 92.181



92, 33.678, 91.391



91, 34.179, 116.753



48, 5.174, 94.516



58, 64.423, 81.371



17, 24.290, 84.254

Inverse Universe

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



76, 26.301, 279.831



78, 34.271, 280.985



72, 36.357, 300.877



46, 5.203, 276.905



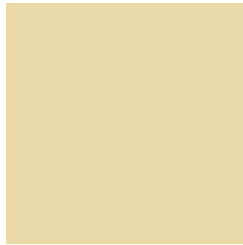
28, 82.643, 299.594



5, 28.811, 291.462

Previews

White Background



This preview shows how the CIELCh color 87, 25.952, 92.175 looks on a white background.

Color Contrast Check

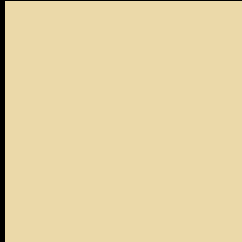
Large Text (above 18pt) WCAG AA × Fail

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 87, 25.952, 92.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

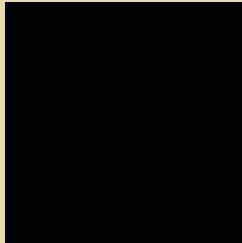
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 25.952, 92.175

Background



This preview shows how black text looks on a background with the CIELCh color 87, 25.952, 92.175.

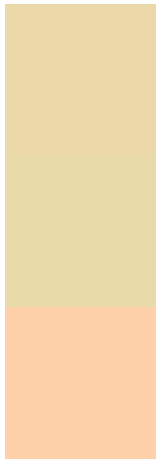


This preview shows how white text looks on a background with the CIELCh color 87, 25.952, 92.175.

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
87, 25.952, 92.175

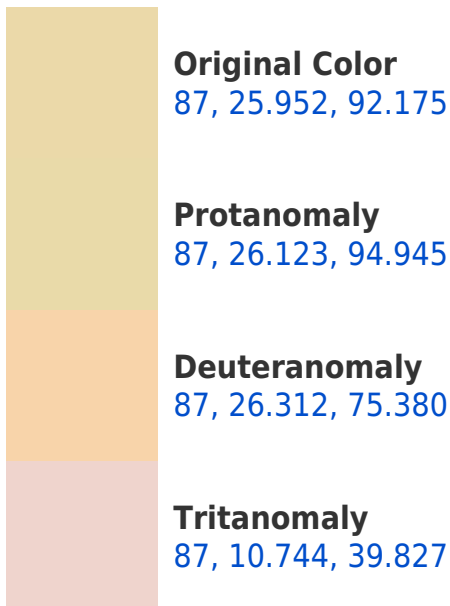
Protanopia
87, 26.033, 95.794

Deuteranopia
87, 27.661, 66.900



Tritanopia
87, 14.891, 343.968

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 25.952, 92.175 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, 217, 169)` looks like.

```
.text, #text, p{  
    color:rgb(235, 217, 169)  
}
```

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, 217, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 217, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 25.952, 92.175 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, 217, 169) }
```

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

```
.border{ border-color:rgb(235, 217, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 217, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 217, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 217, 169);  
box-shadow:4px 4px 4px 4px rgb(235, 217,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 25.952, 92.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 217, 169) }
```

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

```
.background{ background-color: rgb(235,  
217, 169) }
```

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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