

Converting Colors

CIELCh(87, 26.565, 91.590)

Have a look what the booklet for
CIELCh(87, 26.565, 91.590) contains.

CIELCh(87, 26.565, 91.590)	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(87, 26.565, 91.590)

Conversions

Conversions Part 1

Format	Color
Hex	ECD9A8
RGB	236, 217, 168
RGB Percent	93%, 85%, 66%
CMY	0.0761, 0.1505, 0.3426
CMYK	0.00, 0.08, 0.29, 0.08
HSL	43°, 64%, 79%
HSV	43°, 29%, 92%
XYZ	66.2081, 70.0064, 46.8891
YIQ	217.0950, 27.0530, -11.2110

Conversions

Conversions Part 2

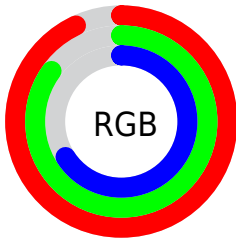
Format	Color
RYB	194, 236, 168
Decimal	15522216
CIELab	87.00, -0.74, 26.55
CIELCh	87, 26.565, 91.590
Yxy	70.0064, 0.3616, 0.3823
Android (android.graphics.Color)	4293712296 (0xFFECD9A8)
YUV	217.0950, -24.2038, 16.5797
Hunter-Lab	83.6698, -5.1748, 25.3424

Details

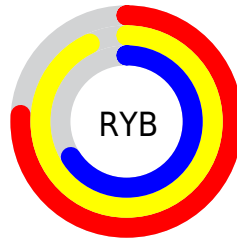
The CIELCh color **87, 26.565, 91.590** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 26.879, 279.517**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **67, 26.221, 91.537** is the 20% darker color. If you saturate the color by 10%, you get **85, 35.953, 90.273**, and if you desaturate by 10%, it is **89, 17.240, 92.880**.

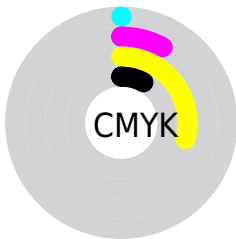
Distribution



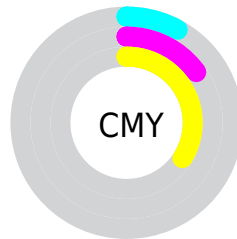
- Red (93%)
- Green (85%)
- Blue (66%)



- Red (76%)
- Yellow (93%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (29%)
- Black (8%)



- Cyan (8%)
- Magenta (15%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 26.565, 91.590 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, 26.565, 91.590 by changing the saturation by 10% instead.

 87, 26.565, 91.590

 87, 26.565, 91.590

 100, 26.565,
91.590

 77, 26.565, 91.590

 67, 26.565, 91.590

 57, 26.565, 91.590

 47, 26.565, 91.590

 37, 26.565, 91.590

 27, 26.565, 91.590

 17, 26.565, 91.590

 7, 26.565, 91.590

 0, 26.565, 91.590

87, 26.565, 91.590

87, 26.565, 91.590

85, 35.953, 90.273

89, 17.240, 92.880

83, 45.292, 88.913

91, 8.028, 94.113

81, 54.381, 87.512

94, 1.047, 275.567

79, 62.860, 86.048

96, 6.637, 268.420

77, 70.133, 84.471

97, 5.484, 230.012

76, 75.376, 82.682

99, 6.648, 199.084

74, 78.022, 80.566

74, 78.266, 80.316

Harmonies

Complementary

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



87, 26.565, 91.590



76, 26.879, 279.517

Rectangle

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



87, 26.565, 91.590



87, 26.565, 141.590



87, 26.565, 271.590



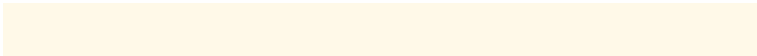
87, 26.565, 321.590

Sweetspot

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



87, 26.566, 91.596



98, 8.707, 94.090



76, 27.746, 0.326



52, 6.058, 93.914



0, 0.000, 0.000



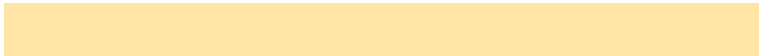
53, 0.007, 296.813

Same Dimension

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



87, 26.566, 91.596



92, 34.482, 90.766



91, 35.169, 116.703



48, 5.138, 94.039



58, 64.321, 80.756



16, 24.175, 83.649

Inverse Universe

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



76, 26.879, 279.517



78, 35.028, 280.742



72, 37.481, 300.949



46, 5.165, 276.441



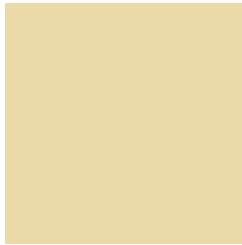
29, 81.884, 299.293



5, 28.609, 291.226

Previews

White Background



This preview shows how the CIELCh color 87, 26.565, 91.590 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, 26.565, 91.590 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, 26.565, 91.590

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.565, 91.590.



This preview shows how white text looks on a background with the CIELCh color 87, 26.565, 91.590.

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, 26.565, 91.590

Protanopia

87, 26.626, 95.134

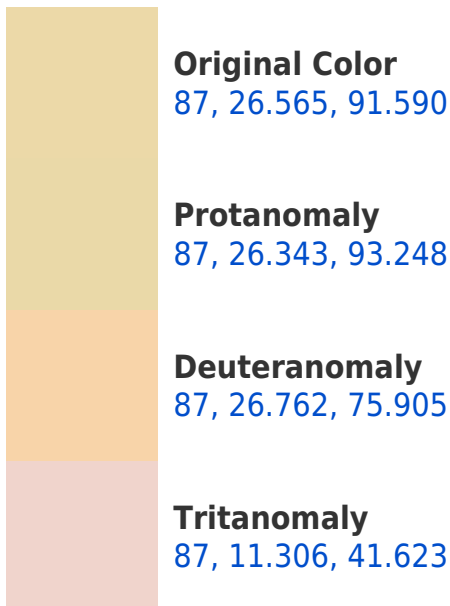
Deuteranopia

87, 27.661, 66.900



Tritanopia
87, 14.598, 345.633

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.565, 91.590 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, 217, 168)` looks like.

```
.text, #text, p{  
    color:rgb(236, 217, 168)  
}
```

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, 217, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 217, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.565, 91.590 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, 217, 168) }
```

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

```
.border{ border-color:rgb(236, 217, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 217, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 217, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 217, 168);  
box-shadow:4px 4px 4px 4px rgb(236, 217,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.565, 91.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 217, 168) }
```

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

```
.background{ background-color: rgb(236,  
217, 168) }
```

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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