

Converting Colors

CIELCh(87, 23.132, 91.624)

Have a look what the booklet for
CIELCh(87, 23.132, 91.624) contains.

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Color

CIELCh(87, 23.345, 91.714)

Conversions

Conversions Part 1

Format	Color
Hex	EAD9AE
RGB	234, 217, 174
RGB Percent	92%, 85%, 68%
CMY	0.0833, 0.1499, 0.3185
CMYK	0.00, 0.07, 0.26, 0.08
HSL	43°, 59%, 80%
HSV	43°, 26%, 92%
XYZ	66.2255, 70.0064, 49.9528
YIQ	217.1810, 23.9350, -9.7690

Conversions

Conversions Part 2

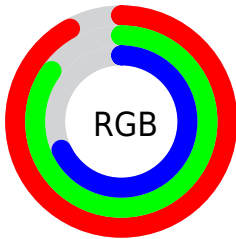
Format	Color
R _Y B	198, 234, 174
Decimal	15391150
CIE Lab	87.00, -0.70, 23.33
CIE LCh	87, 23.345, 91.714
Yxy	70.0064, 0.3557, 0.3760
Android (android.graphics.Color)	4293581230 (0xFFEAD9AE)
YUV	217.1810, -21.2882, 14.7503
Hunter-Lab	83.6698, -5.1376, 23.1714

Details

The CIELCh color **87, 23.345, 91.714** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 23.558, 278.668**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **67, 23.484, 91.149** is the 20% darker color. If you saturate the color by 10%, you get **85, 32.637, 90.406**, and if you desaturate by 10%, it is **89, 14.142, 92.993**.

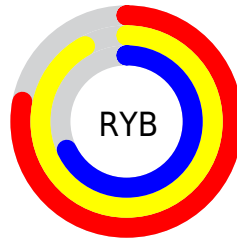
Distribution



Red (92%)

Green (85%)

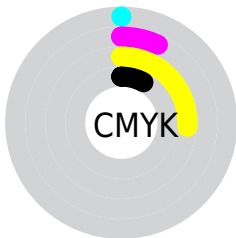
Blue (68%)



Red (78%)

Yellow (92%)

Blue (68%)

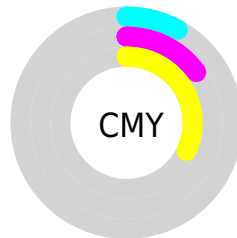


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 23.345, 91.714 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, 23.345, 91.714 by changing the saturation by 10% instead.

 87, 23.345, 91.714

 87, 23.345, 91.714

 100, 23.345,
91.714

 77, 23.345, 91.714

 67, 23.345, 91.714

 57, 23.345, 91.714

 47, 23.345, 91.714

 37, 23.345, 91.714

 27, 23.345, 91.714

 17, 23.345, 91.714

 7, 23.345, 91.714

 0, 23.345, 91.714

87, 23.345, 91.714

87, 23.345, 91.714

85, 32.637, 90.406

89, 14.142, 92.993

83, 41.929, 89.055

91, 5.065, 94.201

81, 51.060, 87.663

94, 3.869, 275.499

79, 59.732, 86.217

96, 6.790, 262.098

77, 67.437, 84.675

97, 6.055, 224.859

75, 73.416, 82.954

99, 7.266, 199.037

74, 76.841, 80.917

73, 77.742, 79.955

Harmonies

Complementary

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



87, 23.345, 91.714



77, 23.558, 278.668

Rectangle

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



87, 23.345, 91.714



87, 23.345, 141.714



87, 23.345, 271.714



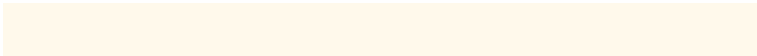
87, 23.345, 321.714

Sweetspot

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



87, 23.346, 91.720



98, 7.701, 93.925



77, 24.396, 359.889



52, 5.481, 93.744



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, 23.346, 91.720



93, 30.371, 91.004



90, 31.140, 116.918



48, 5.118, 93.754



58, 64.265, 80.390



16, 24.108, 83.288

Inverse Universe

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



77, 23.558, 278.668



80, 30.728, 279.677



74, 32.926, 300.645



46, 5.142, 276.162



29, 81.431, 299.111



5, 28.488, 291.083

Previews

White Background



This preview shows how the CIELCh color 87, 23.345, 91.714 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, 23.345, 91.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

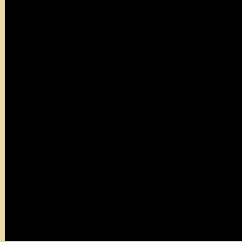
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 23.345, 91.714

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.345, 91.714.

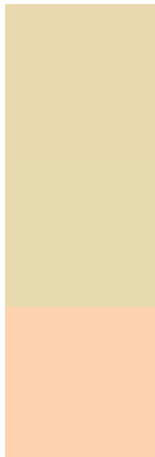


This preview shows how white text looks on a background with the CIELCh color 87, 23.345, 91.714.

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, 23.345, 91.714

Protanopia

87, 23.421, 95.715

Deuteranopia

87, 25.368, 64.079



Tritanopia
87, 13.708, 342.899

Trichromacy



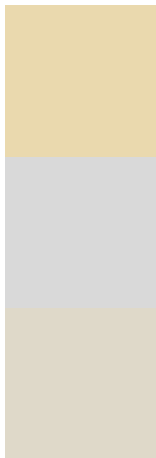
Original Color
87, 23.345, 91.714

Protanomaly
87, 23.511, 94.780

Deuteranomaly
87, 23.862, 73.201

Tritanomaly
87, 10.030, 35.042

Monochromacy



Original Color
87, 23.345, 91.714

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.624, 94.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.345, 91.714 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(234, 217, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 217, 174)  
}
```

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(234, 217, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 217, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.345, 91.714 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(234, 217, 174) }
```

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

```
.border{ border-color:rgb(234, 217, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 217, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 217, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 217, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 217,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.345, 91.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 217, 174) }
```

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

```
.background{ background-color: rgb(234,  
217, 174) }
```

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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