

Converting Colors

CIELCh(85, 20.539, 95.651)

Have a look what the booklet for
CIELCh(85, 20.539, 95.651) contains.

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Color

CIELCh(85, 20.405, 95.212)

Conversions

Conversions Part 1

Format	Color
Hex	E0D4AE
RGB	224, 212, 174
RGB Percent	88%, 83%, 68%
CMY	0.1215, 0.1685, 0.3176
CMYK	0.00, 0.05, 0.22, 0.12
HSL	46°, 45%, 78%
HSV	46°, 22%, 88%
XYZ	61.9397, 66.0070, 49.5320
YIQ	211.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

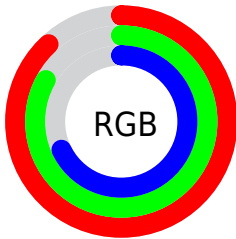
Format	Color
RYB	190, 224, 174
Decimal	14734510
CIELab	85.00, -1.85, 20.32
CIElCh	85, 20.405, 95.212
Yxy	66.0070, 0.3490, 0.3719
Android (android.graphics.Color)	4292924590 (0xFFE0D4AE)
YUV	211.2560, -18.3672, 11.1765
Hunter-Lab	81.2447, -6.0926, 20.7243

Details

The CIELCh color **85, 20.405, 95.212** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 20.760, 280.965**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **65, 20.817, 96.383** is the 20% darker color. If you saturate the color by 10%, you get **83, 29.664, 93.965**, and if you desaturate by 10%, it is **87, 11.201, 96.432**.

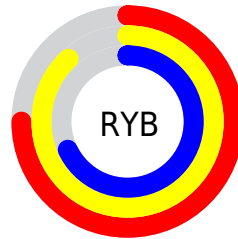
Distribution



Red (88%)

Green (83%)

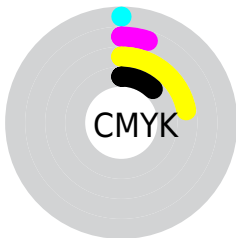
Blue (68%)



Red (75%)

Yellow (88%)

Blue (68%)

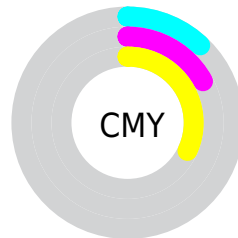


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 20.405, 95.212 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 85, 20.405, 95.212 by changing the saturation by 10% instead.

 85, 20.405, 95.212

 85, 20.405, 95.212

 100, 20.405,
95.212

 75, 20.405, 95.212

 65, 20.405, 95.212

 55, 20.405, 95.212

 45, 20.405, 95.212

 35, 20.405, 95.212

 25, 20.405, 95.212

 15, 20.405, 95.212

 5, 20.405, 95.212

 0, 20.405, 95.212

85, 20.405, 95.212

85, 20.405, 95.212

83, 29.664, 93.965

87, 11.201, 96.432

81, 38.896, 92.681

89, 2.088, 97.538

80, 47.959, 91.369

91, 6.915, 278.798

78, 56.597, 90.025

92, 11.487,
274.827

77, 64.381, 88.633

94, 9.601, 259.223

75, 70.661, 87.147

95, 8.691, 238.546

74, 74.662, 85.484

97, 9.037, 216.642

73, 76.194, 84.059

98, 10.492,
198.806

Harmonies

Complementary

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



85, 20.405, 95.212



76, 20.760, 280.965

Rectangle

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



85, 20.405, 95.212



85, 20.405, 145.212



85, 20.405, 275.212



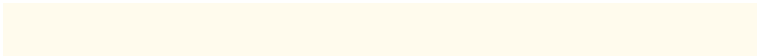
85, 20.405, 325.212

Sweetspot

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



85, 20.406, 95.219



99, 7.043, 97.047



76, 20.125, 1.851



52, 4.579, 96.978



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 20.406, 95.219



94, 27.478, 94.612



87, 26.326, 118.505



46, 5.160, 96.771



58, 63.696, 84.408



15, 22.325, 87.450

Inverse Universe

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



76, 20.760, 280.965



82, 28.077, 281.785



74, 27.570, 301.504



44, 5.204, 279.088



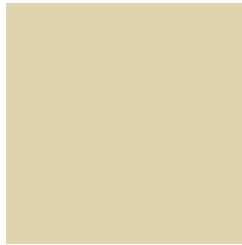
26, 84.294, 300.904



4, 26.427, 290.136

Previews

White Background



This preview shows how the CIELCh color 85, 20.405, 95.212 looks on a white background.

Color Contrast Check

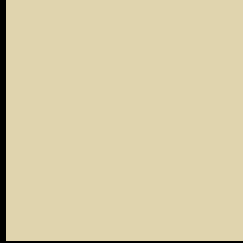
Large Text (above 18pt) WCAG AA × Fail

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 85, 20.405, 95.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

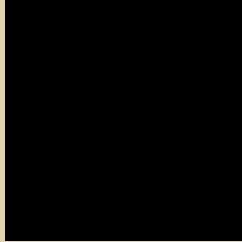
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

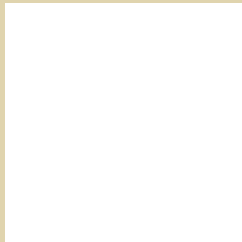
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 20.405, 95.212

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.405, 95.212.

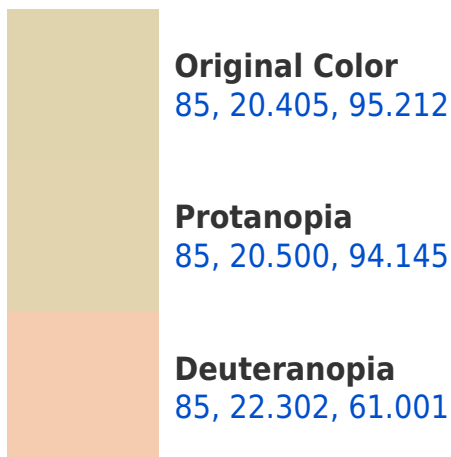


This preview shows how white text looks on a background with the CIELCh color 85, 20.405, 95.212.

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](#).

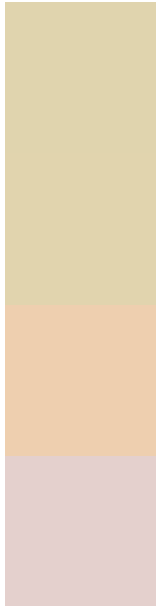
Dichromacy





Tritanopia
85, 12.737, 335.839

Trichromacy



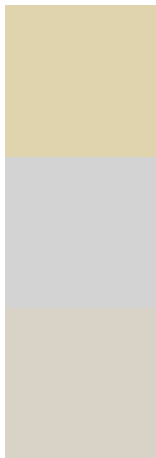
Original Color
85, 20.405, 95.212

Protanomaly
85, 20.500, 94.145

Deuteranomaly
85, 20.829, 72.937

Tritanomaly
85, 7.579, 31.806

Monochromacy



Original Color
85, 20.405, 95.212

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.052, 94.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 20.405, 95.212 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(224, 212, 174)` looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 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(224, 212, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 20.405, 95.212 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(224, 212, 174) }
```

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

```
.border{ border-color:rgb(224, 212, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 212, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 212, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 212, 174); box-shadow:4px 4px 4px 4px rgb(224, 212, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.405, 95.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 174) }
```

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

```
.background{ background-color: rgb(224,  
212, 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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