

# Converting Colors

CIELCh(78, 26.017, 88.359)

Have a look what the booklet for  
CIELCh(78, 26.017, 88.359) contains.

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# Color

**CIELCh(78, 25.960, 88.647)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4BF91
RGB	212, 191, 145
RGB Percent	83%, 75%, 57%
CMY	0.1692, 0.2515, 0.4319
CMYK	0.00, 0.10, 0.32, 0.17
HSL	41°, 44%, 70%
HSV	41°, 32%, 83%
XYZ	50.8063, 53.2120, 34.3241
YIQ	192.0350, 27.2820, -9.8540

# Conversions

## Conversions Part 2

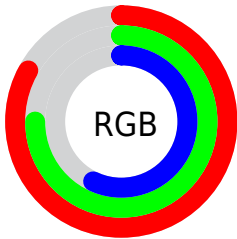
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 212, 145
Decimal	13942673
CIE <sub>Lab</sub>	78.00, 0.61, 25.95
CIE <sub>LCh</sub>	78, 25.960, 88.647
Yxy	53.2120, 0.3673, 0.3846
Android (android.graphics.Color)	4292132753 (0xFFD4BF91)
YUV	192.0350, -23.1883, 17.5093
Hunter-Lab	72.9466, -3.3336, 23.1644

# Details

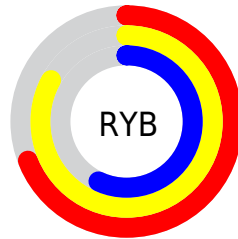
The CIELCh color **78, 25.960, 88.647** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 25.986, 277.588**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 24.550, 101.191**, and **58, 26.052, 89.466** is the 20% darker color. If you saturate the color by 10%, you get **76, 34.405, 87.297**, and if you desaturate by 10%, it is **80, 17.599, 89.968**.

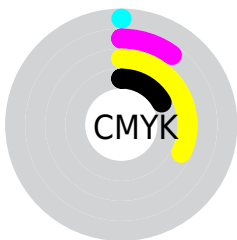
# Distribution



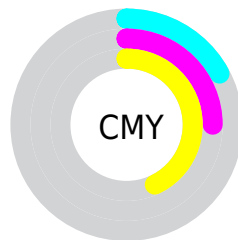
- Red (83%)
- Green (75%)
- Blue (57%)



- Red (69%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (32%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (43%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 25.960, 88.647 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 78, 25.960, 88.647 by changing the saturation by 10% instead.



 78, 25.960, 88.647

 78, 25.960, 88.647

 100, 25.960,  
88.647

 68, 25.960, 88.647

 98, 25.960, 88.647

 58, 25.960, 88.647

 48, 25.960, 88.647

 38, 25.960, 88.647

 28, 25.960, 88.647

 18, 25.960, 88.647

 8, 25.960, 88.647

 0, 25.960, 88.647

 78, 25.960, 88.647

 78, 25.960, 88.647

76, 34.405, 87.297

80, 17.599, 89.968

74, 42.829, 85.900

82, 9.367, 91.235

72, 51.038, 84.449

84, 1.286, 92.310

70, 58.676, 82.909

87, 6.642, 273.718

68, 65.156, 81.208

89, 14.420,  
274.835

67, 69.683, 79.207

91, 13.932,  
264.423

65, 71.866, 77.260

93, 12.296,  
247.195

94, 11.989,  
227.232

96, 13.076,  
208.631

# Harmonies

# Complementary

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



78, 25.960, 88.647



68, 25.986, 277.588

# Rectangle

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



78, 25.960, 88.647



78, 25.960, 138.647



78, 25.960, 268.647



78, 25.960, 318.647

# Sweetspot

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



78, 25.961, 88.653



98, 8.410, 91.544



67, 28.345, 358.333



52, 5.853, 91.365



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

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



78, 25.961, 88.653



90, 36.441, 87.737



83, 35.153, 115.122



44, 4.605, 91.504



53, 61.260, 77.697



12, 18.427, 80.724





# Inverse Universe

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



68, 25.986, 277.588



76, 36.535, 278.987



63, 37.789, 300.099



42, 4.614, 273.938



28, 74.298, 297.472

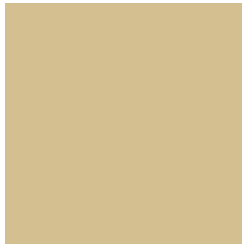


4, 21.614, 285.137



# Previews

## White Background



This preview shows how the CIELCh color 78, 25.960, 88.647 looks on a white background.

## Color Contrast Check

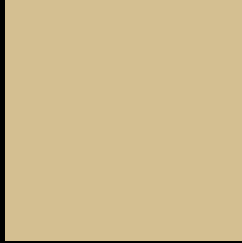
Large Text (above 18pt) WCAG AA × Fail

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 78, 25.960, 88.647 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 78, 25.960, 88.647**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 78, 25.960, 88.647.

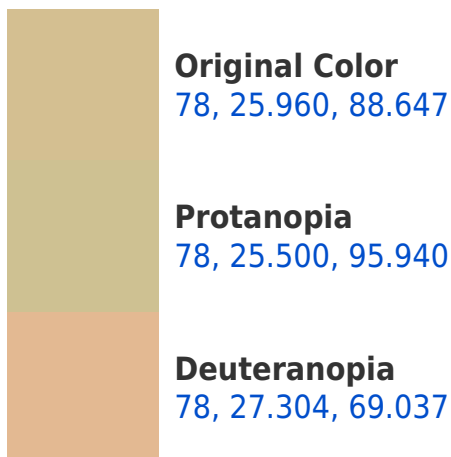


This preview shows how white text looks on a background with the CIELCh color 78, 25.960, 88.647.

# 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**  
78, 14.696, 350.124



# Trichromacy



**Original Color**  
78, 25.960, 88.647

**Protanomaly**  
78, 25.306, 93.035

**Deuteranomaly**  
78, 26.096, 75.887

**Tritanomaly**  
78, 12.175, 38.014

# Monochromacy



**Original Color**  
78, 25.960, 88.647

**Achromatopsia**  
78, 0.009, 296.813

**Achromatomaly**  
78, 9.446, 92.831

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 78, 25.960, 88.647 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(212, 191, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 145)  
}
```

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(212, 191, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 145) }
```

## Border

The CSS property to change the border of an element to CIELCh 78, 25.960, 88.647 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(212, 191, 145) }
```

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

```
.border{ border-color:rgb(212, 191, 145) }
```

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

Here you see how a box with a 4 pixel rgb(212, 191, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
145) }
```

# Background

The CSS property to change the background color of an element to CIELCh 78, 25.960, 88.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 145) }
```

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

```
.background{ background-color: rgb(212,  
191, 145) }
```

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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