

Converting Colors

CIELCh(73, 31.251, 59.234)

Have a look what the booklet for
CIELCh(73, 31.251, 59.234) contains.

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Color

CIELCh(73, 31.116, 58.892)

Conversions

Conversions Part 1

Format	Color
Hex	DFA783
RGB	223, 167, 131
RGB Percent	87%, 65%, 51%
CMY	0.1240, 0.3437, 0.4849
CMYK	0.00, 0.25, 0.41, 0.12
HSL	23°, 59%, 70%
HSV	23°, 41%, 88%
XYZ	48.5535, 45.1644, 27.7523
YIQ	179.6400, 44.9320, 0.6760

Conversions

Conversions Part 2

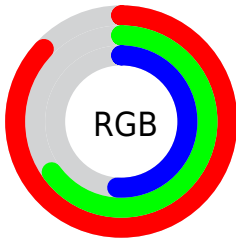
Format	Color
R _Y B	223, 190, 131
Decimal	14657411
CIE Lab	73.00, 16.08, 26.64
CIE LCh	73, 31.116, 58.892
Yxy	45.1644, 0.3997, 0.3718
Android (android.graphics.Color)	4292847491 (0xFFDFA783)
YUV	179.6400, -23.9795, 38.0267
Hunter-Lab	67.2044, 11.3539, 22.5591

Details

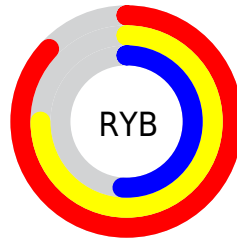
The CIELCh color **73, 31.116, 58.892** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 25.416, 249.198**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 23.605, 75.528**, and **53, 31.262, 59.015** is the 20% darker color. If you saturate the color by 10%, you get **69, 39.956, 58.050**, and if you desaturate by 10%, it is **77, 22.789, 59.793**.

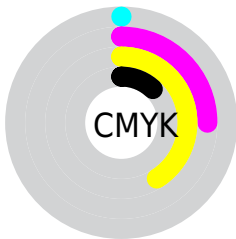
Distribution



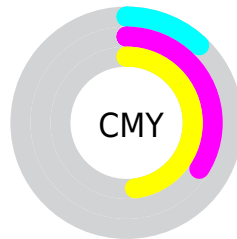
- Red (87%)
- Green (65%)
- Blue (51%)



- Red (87%)
- Yellow (75%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (41%)
- Black (12%)



- Cyan (12%)
- Magenta (34%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 31.116, 58.892 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 73, 31.116, 58.892 by changing the saturation by 10% instead.

 73, 31.116, 58.892

 73, 31.116, 58.892

 100, 31.116,
58.892

 63, 31.116, 58.892

 93, 31.116, 58.892


 53, 31.116, 58.892


 43, 31.116, 58.892

 33, 31.116, 58.892

 23, 31.116, 58.892

 13, 31.116, 58.892

 3, 31.116, 58.892

 0, 31.116, 58.892

 73, 31.116, 58.892

 73, 31.116, 58.892

69, 39.956, 58.050

77, 22.789, 59.793

66, 49.242, 57.238

81, 14.981, 60.726

63, 58.772, 56.408

84, 7.663, 61.670

60, 68.073, 55.415

88, 0.793, 62.109

57, 76.189, 53.934

93, 5.675, 243.808

55, 81.702, 52.089

96, 9.118, 218.916

98, 10.701,
198.792

Harmonies

Complementary

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



73, 31.116, 58.892



73, 25.416, 249.198

Rectangle

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



73, 31.116, 58.892



73, 31.116, 108.892



73, 31.116, 238.892



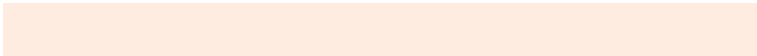
73, 31.116, 288.892

Sweetspot

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



73, 31.115, 58.898



95, 9.164, 61.587



66, 45.259, 341.385



50, 6.104, 61.464



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 31.115, 58.898



79, 42.318, 58.202



84, 42.172, 100.494



45, 3.876, 61.831



43, 67.998, 52.709



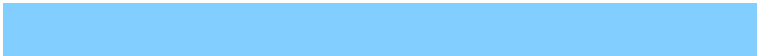
10, 20.064, 48.411

Inverse Universe

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



73, 25.416, 249.198



80, 32.982, 251.200



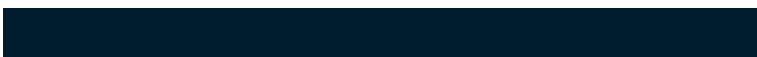
61, 45.709, 291.045



45, 3.729, 243.951



44, 43.713, 270.934



10, 15.919, 260.896

Previews

White Background



This preview shows how the CIELCh color 73, 31.116, 58.892 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 73, 31.116, 58.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

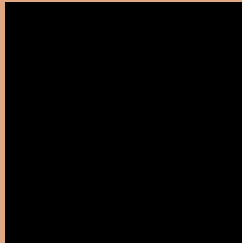
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 31.116, 58.892

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.116, 58.892.

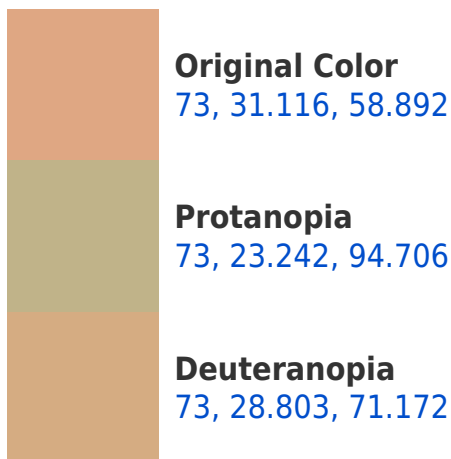


This preview shows how white text looks on a background with the CIELCh color 73, 31.116, 58.892.

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](#).

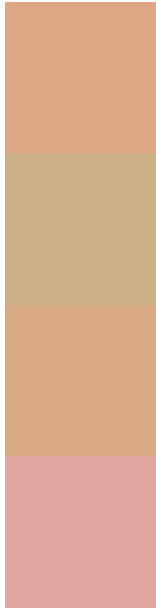
Dichromacy





Tritanopia
73, 25.991, 7.575

Trichromacy



Original Color
73, 31.116, 58.892

Protanomaly
73, 24.652, 79.943

Deuteranomaly
73, 29.717, 66.253

Tritanomaly
73, 25.243, 28.853

Monochromacy



Original Color
73, 31.116, 58.892

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.861, 60.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.116, 58.892 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(223, 167, 131)` looks like.

```
.text, #text, p{  
    color:rgb(223, 167, 131)  
}
```

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(223, 167, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 167, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.116, 58.892 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(223, 167, 131) }
```

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

```
.border{ border-color:rgb(223, 167, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 167, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 167, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 167, 131);  
box-shadow:4px 4px 4px 4px rgb(223, 167,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.116, 58.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 167, 131) }
```

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

```
.background{ background-color: rgb(223,  
167, 131) }
```

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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