

Converting Colors

CIELCh(79, 30.961, 63.213)

Have a look what the booklet for
CIELCh(79, 30.961, 63.213) contains.

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Color

CIELCh(79, 30.961, 63.213)

Conversions

Conversions Part 1

Format	Color
Hex	EEB991
RGB	238, 185, 145
RGB Percent	93%, 73%, 57%
CMY	0.0666, 0.2744, 0.4313
CMYK	0.00, 0.22, 0.39, 0.07
HSL	26°, 73%, 75%
HSV	26°, 39%, 93%
XYZ	57.7287, 54.9284, 34.3532
YIQ	196.2870, 44.4280, -1.2040

Conversions

Conversions Part 2

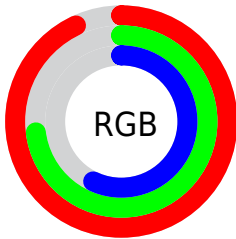
Format	Color
R _Y B	238, 215, 145
Decimal	15645073
CIE Lab	79.00, 13.95, 27.64
CIE LCh	79, 30.961, 63.213
Yxy	54.9284, 0.3927, 0.3736
Android (android.graphics.Color)	4293835153 (0xFFEEB991)
YUV	196.2870, -25.2845, 36.5823
Hunter-Lab	74.1137, 9.3385, 24.3975

Details

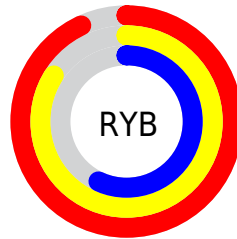
The CIELCh color **79, 30.961, 63.213** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 26.297, 253.828**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 22.082, 94.554**, and **59, 30.922, 63.599** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.059, 62.175**, and if you desaturate by 10%, it is **83, 22.349, 64.285**.

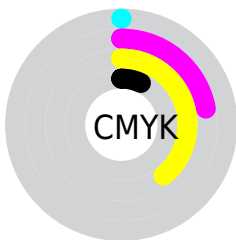
Distribution



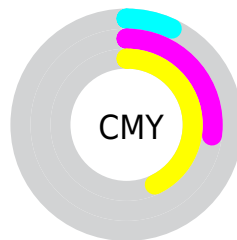
- Red (93%)
- Green (73%)
- Blue (57%)



- Red (93%)
- Yellow (84%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (7%)



- Cyan (7%)
- Magenta (27%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 30.961, 63.213 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 79, 30.961, 63.213 by changing the saturation by 10% instead.

 79, 30.961, 63.213

 79, 30.961, 63.213

 100, 30.961,
63.213

 69, 30.961, 63.213

 99, 30.961, 63.213

 59, 30.961, 63.213

 49, 30.961, 63.213

 39, 30.961, 63.213

 29, 30.961, 63.213

 19, 30.961, 63.213

 9, 30.961, 63.213

 0, 30.961, 63.213

 79, 30.961, 63.213

 79, 30.961, 63.213

75, 40.059, 62.175

83, 22.349, 64.285

72, 49.579, 61.143

87, 14.229, 65.366

69, 59.325, 60.076

91, 6.572, 66.429

65, 68.851, 58.851

94, 0.661, 248.331

63, 77.256, 57.193

98, 5.190, 211.517

60, 83.458, 54.780

99, 5.835, 199.149

60, 84.003, 54.567

Harmonies

Complementary

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



79, 30.961, 63.213



78, 26.297, 253.828

Rectangle

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



79, 30.961, 63.213



79, 30.961, 113.213



79, 30.961, 243.213



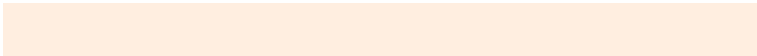
79, 30.961, 293.213

Sweetspot

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



79, 30.961, 63.219



95, 9.272, 66.120



71, 44.324, 342.898



50, 6.174, 65.980



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 30.961, 63.219



81, 40.347, 62.371



90, 43.468, 102.476



48, 4.144, 66.387



47, 68.813, 55.231



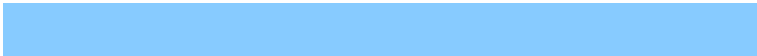
13, 23.605, 54.006

Inverse Universe

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



78, 26.297, 253.828



79, 32.958, 255.831



66, 47.267, 292.142



48, 4.009, 248.705



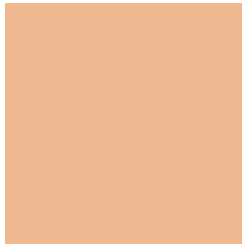
43, 48.932, 276.287



11, 18.943, 268.029

Previews

White Background



This preview shows how the CIELCh color 79, 30.961, 63.213 looks on a white background.

Color Contrast Check

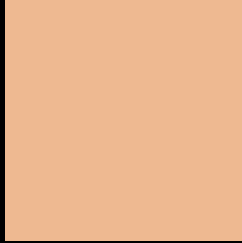
Large Text (above 18pt) WCAG AA × Fail

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 79, 30.961, 63.213 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 79, 30.961, 63.213

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.961, 63.213.



This preview shows how white text looks on a background with the CIELCh color 79, 30.961, 63.213.

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

79, 30.961, 63.213

Protanopia

79, 24.915, 95.807

Deuteranopia

79, 29.919, 70.665



Tritanopia
79, 25.240, 5.871

Trichromacy



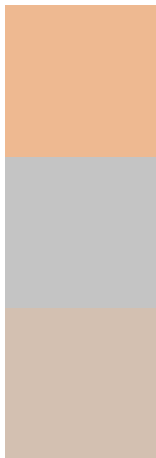
Original Color
79, 30.961, 63.213

Protanomaly
79, 26.108, 82.116

Deuteranomaly
79, 30.347, 68.305

Tritanomaly
79, 23.896, 28.888

Monochromacy



Original Color
79, 30.961, 63.213

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 10.847, 66.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 30.961, 63.213 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(238, 185, 145)` looks like.

```
.text, #text, p{  
    color:rgb(238, 185, 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(238, 185, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 185, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.961, 63.213 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(238, 185, 145) }
```

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

```
.border{ border-color:rgb(238, 185, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 185, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 185, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 185, 145);  
box-shadow:4px 4px 4px 4px rgb(238, 185,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.961, 63.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 185, 145) }
```

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

```
.background{ background-color: rgb(238,  
185, 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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