

Converting Colors

CIELCh(79, 32.351, 69.807)

Have a look what the booklet for
CIELCh(79, 32.351, 69.807) contains.

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Color

CIELCh(79, 32.351, 69.807)

Conversions

Conversions Part 1

Format	Color
Hex	EBBB8C
RGB	235, 187, 140
RGB Percent	92%, 73%, 55%
CMY	0.0795, 0.2677, 0.4520
CMYK	0.00, 0.20, 0.40, 0.08
HSL	30°, 70%, 73%
HSV	30°, 40%, 92%
XYZ	56.5966, 54.9284, 32.3323
YIQ	195.9940, 43.6950, -4.4410

Conversions

Conversions Part 2

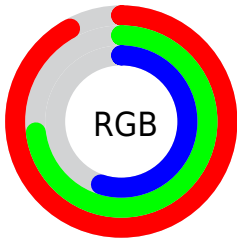
Format	Color
R _Y B	235, 233, 140
Decimal	15448972
CIE Lab	79.00, 11.17, 30.36
CIE LCh	79, 32.351, 69.807
Yxy	54.9284, 0.3934, 0.3818
Android (android.graphics.Color)	4293639052 (0xFFE8BB8C)
YUV	195.9940, -27.6050, 34.2083
Hunter-Lab	74.1137, 6.6118, 26.0142

Details

The CIELCh color **79, 32.351, 69.807** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 28.683, 261.906**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 25.360, 97.803**, and **59, 32.384, 70.395** is the 20% darker color. If you saturate the color by 10%, you get **76, 41.293, 68.542**, and if you desaturate by 10%, it is **82, 23.772, 71.071**.

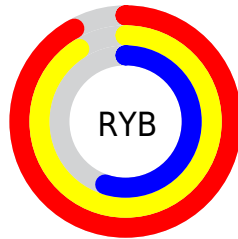
Distribution



Red (92%)

Green (73%)

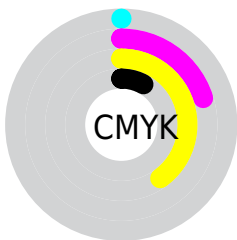
Blue (55%)



Red (92%)

Yellow (91%)

Blue (55%)

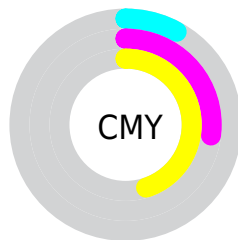


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (8%)



Cyan (8%)

Magenta (27%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 32.351, 69.807 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, 32.351, 69.807 by changing the saturation by 10% instead.

 79, 32.351, 69.807

 79, 32.351, 69.807

 100, 32.351,
69.807

 69, 32.351, 69.807

 99, 32.351, 69.807

 59, 32.351, 69.807

 49, 32.351, 69.807

 39, 32.351, 69.807

 29, 32.351, 69.807

 19, 32.351, 69.807

 9, 32.351, 69.807

 0, 32.351, 69.807

 79, 32.351, 69.807

 79, 32.351, 69.807

76, 41.293, 68.542

82, 23.772, 71.071

73, 50.493, 67.242

86, 15.583, 72.316

70, 59.702, 65.856

89, 7.777, 73.530

67, 68.394, 64.253

93, 0.327, 73.521

64, 75.629, 62.165

96, 5.953, 249.975

62, 80.498, 59.545

99, 6.946, 199.061

Harmonies

Complementary

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



79, 32.351, 69.807



74, 28.683, 261.906

Rectangle

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



79, 32.351, 69.807



79, 32.351, 119.807



79, 32.351, 249.807



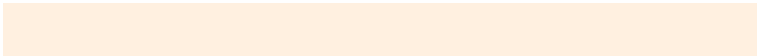
79, 32.351, 299.807

Sweetspot

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



79, 32.351, 69.813



95, 9.578, 73.341



69, 43.570, 346.748



50, 6.373, 73.183



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, 32.351, 69.813



82, 42.766, 68.701



91, 47.221, 105.537



47, 4.211, 73.647



48, 66.036, 60.228



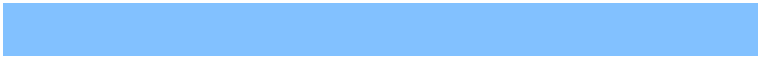
13, 22.178, 60.379

Inverse Universe

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



74, 28.683, 261.906



76, 36.851, 264.202



62, 52.324, 295.068



47, 4.116, 256.150



39, 55.190, 283.486



9, 20.398, 275.264

Previews

White Background



This preview shows how the CIELCh color 79, 32.351, 69.807 looks on a white background.

Color Contrast Check

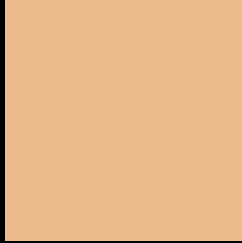
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 32.351, 69.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

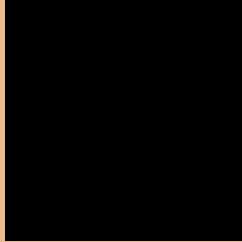
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 32.351, 69.807

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.351, 69.807.

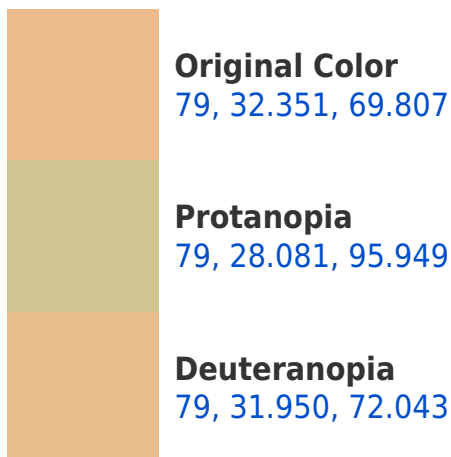


This preview shows how white text looks on a background with the CIELCh color 79, 32.351, 69.807.

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](#).

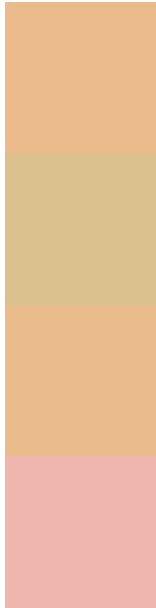
Dichromacy





Tritanopia
79, 23.730, 4.673

Trichromacy



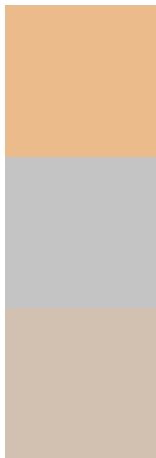
Original Color
79, 32.351, 69.807

Protanomaly
79, 29.150, 86.199

Deuteranomaly
79, 32.212, 71.455

Tritanomaly
79, 22.548, 31.901

Monochromacy



Original Color
79, 32.351, 69.807

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 11.181, 73.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.351, 69.807 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(235, 187, 140)` looks like.

```
.text, #text, p{  
    color:rgb(235, 187, 140)  
}
```

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(235, 187, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 187, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.351, 69.807 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(235, 187, 140) }
```

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

```
.border{ border-color:rgb(235, 187, 140) }
```

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

Here you see how a box with a 4 pixel rgb(235, 187, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 187, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 187, 140);  
box-shadow:4px 4px 4px 4px rgb(235, 187,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.351, 69.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 187, 140) }
```

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

```
.background{ background-color: rgb(235,  
187, 140) }
```

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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