

Converting Colors

CIELCh(75, 31.067, 44.302)

Have a look what the booklet for
CIELCh(75, 31.067, 44.302) contains.

CIELCh(75, 31.103, 44.557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 31.103, 44.557)

Conversions

Conversions Part 1

Format	Color
Hex	EDA992
RGB	237, 169, 146
RGB Percent	93%, 66%, 57%
CMY	0.0719, 0.3384, 0.4286
CMYK	0.00, 0.29, 0.38, 0.07
HSL	15°, 71%, 75%
HSV	15°, 38%, 93%
XYZ	54.1128, 48.2781, 33.5418
YIQ	186.7100, 47.9110, 7.2630

Conversions

Conversions Part 2

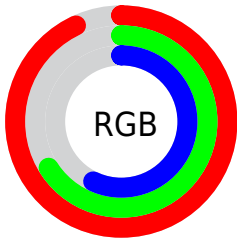
Format	Color
R _Y B	237, 177, 146
Decimal	15575442
CIE Lab	75.00, 22.16, 21.82
CIE LCh	75, 31.103, 44.557
Yxy	48.2781, 0.3981, 0.3552
Android (android.graphics.Color)	4293765522 (0xFFEDA992)
YUV	186.7100, -20.0700, 44.1043
Hunter-Lab	69.4824, 17.4212, 20.0162

Details

The CIELCh color **75, 31.103, 44.557** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 23.901, 229.075**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.293, 67.803**, and **55, 31.091, 45.426** is the 20% darker color. If you saturate the color by 10%, you get **71, 40.814, 44.573**, and if you desaturate by 10%, it is **80, 22.082, 44.705**.

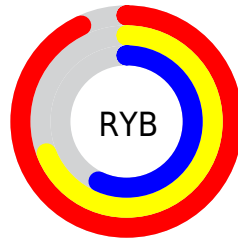
Distribution



Red (93%)

Green (66%)

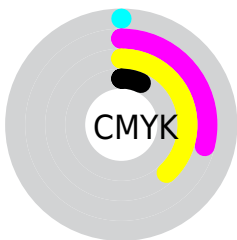
Blue (57%)



Red (93%)

Yellow (69%)

Blue (57%)

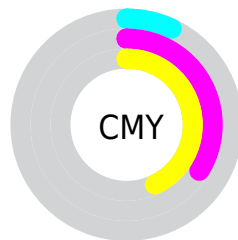


Cyan (0%)

Magenta (29%)

Yellow (38%)

Black (7%)



Cyan (7%)

Magenta (34%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 31.103, 44.557 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 75, 31.103, 44.557 by changing the saturation by 10% instead.

 75, 31.103, 44.557

 75, 31.103, 44.557

 100, 31.103,
44.557

 65, 31.103, 44.557

 95, 31.103, 44.557

 55, 31.103, 44.557

 45, 31.103, 44.557

 35, 31.103, 44.557

 25, 31.103, 44.557

 15, 31.103, 44.557

 5, 31.103, 44.557

 0, 31.103, 44.557

 75, 31.103, 44.557

 75, 31.103, 44.557

71, 40.814, 44.573

80, 22.082, 44.705

66, 51.175, 44.755

84, 13.743, 44.966

62, 62.028, 45.093

89, 6.040, 45.286

59, 72.983, 45.485

94, 1.084, 226.386

56, 83.144, 45.623

99, 6.289, 199.112

53, 90.966, 44.976

53, 92.076, 44.906

Harmonies

Complementary

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



75, 31.103, 44.557



82, 23.901, 229.075

Rectangle

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



75, 31.103, 44.557



75, 31.103, 94.557



75, 31.103, 224.557



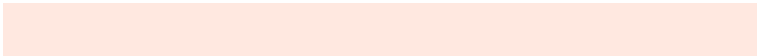
75, 31.103, 274.557

Sweetspot

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



75, 31.102, 44.563



94, 9.263, 45.171



72, 48.437, 335.035



49, 6.176, 45.128



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 31.102, 44.563



77, 40.811, 44.556



86, 36.604, 92.459



47, 4.056, 45.255



41, 74.867, 45.403



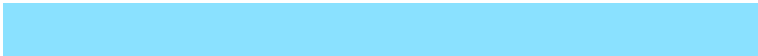
10, 24.182, 37.778

Inverse Universe

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



82, 23.901, 229.075



85, 29.415, 230.259



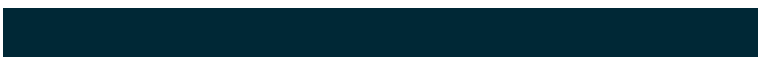
70, 37.733, 283.331



48, 3.837, 226.361



53, 35.475, 246.750



14, 14.683, 238.941

Previews

White Background



This preview shows how the CIELCh color 75, 31.103, 44.557 looks on a white background.

Color Contrast Check

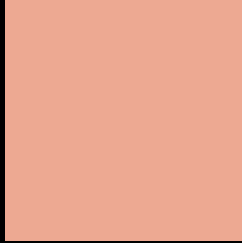
Large Text (above 18pt) WCAG AA × Fail

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 75, 31.103, 44.557 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 75, 31.103, 44.557

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.103, 44.557.



This preview shows how white text looks on a background with the CIELCh color 75, 31.103, 44.557.

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

75, 31.103, 44.557

Protanopia

75, 17.616, 95.460

Deuteranopia

75, 24.544, 67.637



Tritanopia
75, 30.218, 9.066

Trichromacy



Original Color
75, 31.103, 44.557

Protanomaly
75, 20.162, 70.119

Deuteranomaly
75, 26.162, 58.162

Tritanomaly
75, 29.065, 22.003

Monochromacy



Original Color
75, 31.103, 44.557

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 10.513, 47.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.103, 44.557 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(237, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(237, 169, 146)  
}
```

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(237, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 169, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.103, 44.557 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(237, 169, 146) }
```

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

```
.border{ border-color:rgb(237, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(237, 169,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.103, 44.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 169, 146) }
```

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

```
.background{ background-color: rgb(237,  
169, 146) }
```

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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