

Converting Colors

CIELCh(75, 32.065, 348.991)

Have a look what the booklet for
CIELCh(75, 32.065, 348.991)
contains.

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Color

CIELCh(75, 31.944, 348.968)

Conversions

Conversions Part 1

Format	Color
Hex	ECA4C5
RGB	236, 164, 197
RGB Percent	93%, 64%, 77%
CMY	0.0755, 0.3578, 0.2284
CMYK	0.00, 0.31, 0.17, 0.08
HSL	332°, 65%, 78%
HSV	332°, 31%, 92%
XYZ	57.7938, 48.2781, 58.9531
YIQ	189.2900, 32.3190, 25.5270

Conversions

Conversions Part 2

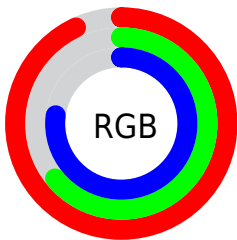
Format	Color
RYB	236, 164, 197
Decimal	15508677
CIELab	75.00, 31.35, -6.11
CIELCh	75, 31.944, 348.968
Yxy	48.2781, 0.3502, 0.2926
Android (android.graphics.Color)	4293698757 (0xFFECA4C5)
YUV	189.2900, 3.8010, 40.9647
Hunter-Lab	69.4824, 26.8776, -1.6675

Details

The CIELCh color **75, 31.944, 348.968** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **88, 30.492, 163.025**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.491, 325.966**, and **55, 32.024, 349.080** is the 20% darker color. If you saturate the color by 10%, you get **70, 42.430, 350.265**, and if you desaturate by 10%, it is **81, 21.322, 347.845**.

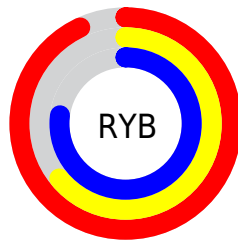
Distribution



Red (93%)

Green (64%)

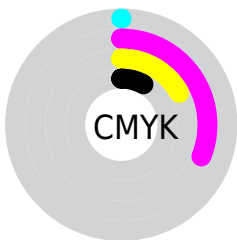
Blue (77%)



Red (93%)

Yellow (64%)

Blue (77%)

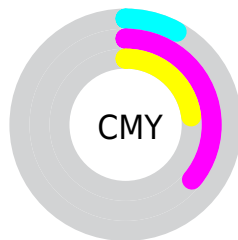


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (8%)



Cyan (8%)


Magenta (36%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.944, 348.968 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, 31.944, 348.968 by changing the saturation by 10% instead.


 75, 31.944,
348.968


 75, 31.944,
348.968


 100, 31.944,
348.968


 65, 31.944,
348.968


 95, 31.944,
348.968

 55, 31.944,
348.968

 45, 31.944,
348.968

 35, 31.944,
348.968

 25, 31.944,
348.968

 15, 31.944,
348.968

 5, 31.944, 348.968

0, 31.944, 348.968

75, 31.944,
348.968

75, 31.944,
348.968

70, 42.430,
350.265

81, 21.322,
347.845

64, 52.437,
351.796

87, 10.809,
346.840

60, 61.489,
353.651

93, 0.544, 345.129

98, 7.658, 170.562

56, 69.040,
355.955

99, 6.598, 199.088

53, 74.603,
358.869

52, 77.961, 2.570

■ 51, 79.555, 6.814

Harmonies

Complementary

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



75, 31.944, 348.968



88, 30.492, 163.025

Rectangle

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



75, 31.944, 348.968



75, 31.944, 38.968



75, 31.944, 168.968



75, 31.944, 218.968

Sweetspot

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



75, 31.941, 348.970



94, 9.824, 346.695



73, 41.304, 311.665



49, 6.840, 346.836



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, 31.941, 348.970



77, 41.307, 349.806



75, 27.863, 24.471



46, 5.799, 346.736



39, 65.287, 5.925



8, 28.266, 358.445

Inverse Universe

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



75, 31.941, 348.970



77, 41.307, 349.806



88, 22.483, 201.168



46, 5.799, 346.736



39, 65.287, 5.925



8, 28.266, 358.445

Previews

White Background



This preview shows how the CIELCh color 75, 31.944, 348.968 looks on a white background.

Color Contrast Check

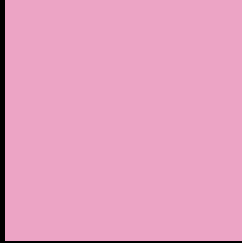
Large Text (above 18pt) WCAG AA × Fail

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 75, 31.944, 348.968 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, 31.944, 348.968

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.944, 348.968.

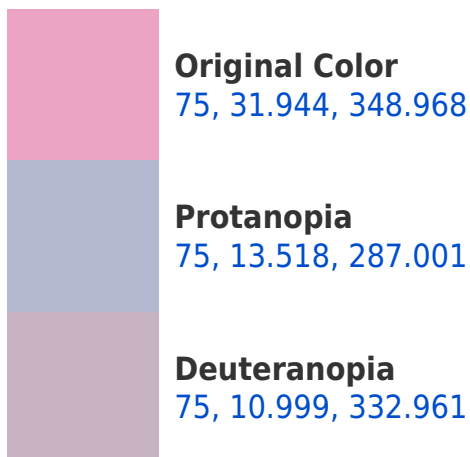


This preview shows how white text looks on a background with the CIELCh color 75, 31.944, 348.968.

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
75, 26.691, 6.870

Trichromacy



Original Color
75, 31.944, 348.968

Protanomaly
75, 17.508, 321.112

Deuteranomaly
75, 18.720, 341.832

Tritanomaly
75, 28.268, 359.931

Monochromacy



Original Color
75, 31.944, 348.968

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 11.663, 346.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.944, 348.968 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(236, 164, 197)` looks like.

```
.text, #text, p{  
    color:rgb(236, 164, 197)  
}
```

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(236, 164, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 164, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.944, 348.968 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(236, 164, 197) }
```

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

```
.border{ border-color:rgb(236, 164, 197) }
```

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

Here you see how a box with a 4 pixel rgb(236, 164, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 164, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 164, 197);  
box-shadow:4px 4px 4px 4px rgb(236, 164,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.944, 348.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 164, 197) }
```

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

```
.background{ background-color: rgb(236,  
164, 197) }
```

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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