

Converting Colors

CIELCh(69, 45.749, 37.438)

Have a look what the booklet for
CIELCh(69, 45.749, 37.438) contains.

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Color

CIELCh(69, 45.633, 37.553)

Conversions

Conversions Part 1

Format	Color
Hex	F28D78
RGB	242, 141, 120
RGB Percent	95%, 55%, 47%
CMY	0.0505, 0.4466, 0.5290
CMYK	0.00, 0.42, 0.50, 0.05
HSL	10°, 83%, 71%
HSV	10°, 50%, 95%
XYZ	49.6032, 39.3444, 22.7849
YIQ	168.8050, 66.9370, 14.8810

Conversions

Conversions Part 2

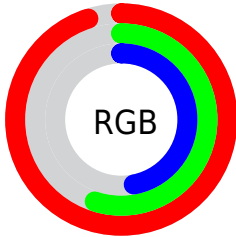
Format	Color
R _Y B	242, 145, 120
Decimal	15895928
CIE Lab	69.00, 36.18, 27.81
CIE LCh	69, 45.633, 37.553
Yxy	39.3444, 0.4439, 0.3521
Android (android.graphics.Color)	4294086008 (0xFFFF28D78)
YUV	168.8050, -24.0609, 64.1920
Hunter-Lab	62.7251, 31.3893, 22.3705

Details

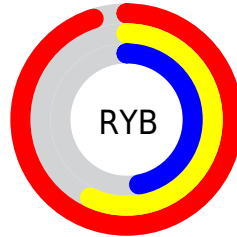
The CIELCh color **69, 45.633, 37.553** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83, 30.838, 218.924**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 26.956, 48.476**, and **49, 45.649, 37.690** is the 20% darker color. If you saturate the color by 10%, you get **65, 56.754, 38.478**, and if you desaturate by 10%, it is **74, 35.132, 36.909**.

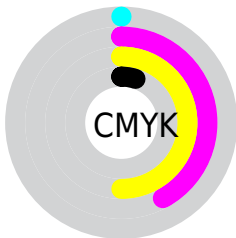
Distribution



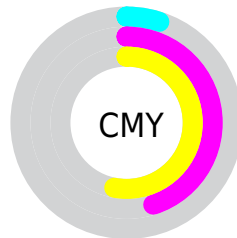
- Red (95%)
- Green (55%)
- Blue (47%)



- Red (95%)
- Yellow (57%)
- Blue (47%)



- Cyan (0%)
- Magenta (42%)
- Yellow (50%)
- Black (5%)



- Cyan (5%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 45.633, 37.553 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 69, 45.633, 37.553 by changing the saturation by 10% instead.

69, 45.633, 37.553

69, 45.633, 37.553

100, 45.633,
37.553

59, 45.633, 37.553

89, 45.633, 37.553

49, 45.633, 37.553

99, 45.633, 37.553

39, 45.633, 37.553

29, 45.633, 37.553

19, 45.633, 37.553

9, 45.633, 37.553

0, 45.633, 37.553

69, 45.633, 37.553

69, 45.633, 37.553

65, 56.754, 38.478

74, 35.132, 36.909

60, 68.273, 39.667

79, 25.352, 36.497

57, 79.687, 41.000

84, 16.306, 36.272

54, 89.871, 42.063

90, 7.969, 36.171

52, 96.977, 42.350

95, 0.288, 34.104

99, 4.437, 199.273

Harmonies

Complementary

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



69, 45.633, 37.553



83, 30.838, 218.924

Rectangle

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



69, 45.633, 37.553



69, 45.633, 87.553



69, 45.633, 217.553



69, 45.633, 267.553

Sweetspot

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



69, 45.631, 37.557



91, 12.229, 36.208



68, 67.095, 332.618



47, 8.418, 36.230



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 45.631, 37.557



68, 58.754, 38.454



83, 45.957, 84.382



47, 4.304, 36.163



40, 78.388, 42.717



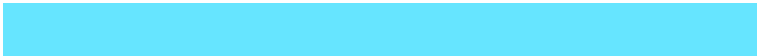
9, 26.609, 33.431

Inverse Universe

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



83, 30.838, 218.924



85, 36.123, 220.198



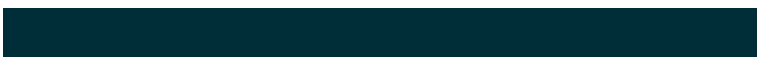
66, 45.778, 280.495



49, 4.051, 216.542



58, 34.037, 229.470



17, 14.872, 224.276

Previews

White Background



This preview shows how the CIELCh color 69, 45.633, 37.553 looks on a white background.

Color Contrast Check

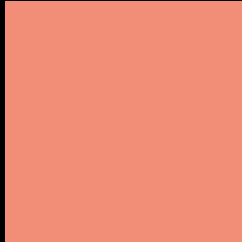
Large Text (above 18pt) WCAG AA × Fail

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 69, 45.633, 37.553 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 69, 45.633, 37.553

Background



This preview shows how black text looks on a background with the CIELCh color 69, 45.633, 37.553.



This preview shows how white text looks on a background with the CIELCh color 69, 45.633, 37.553.

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](#).

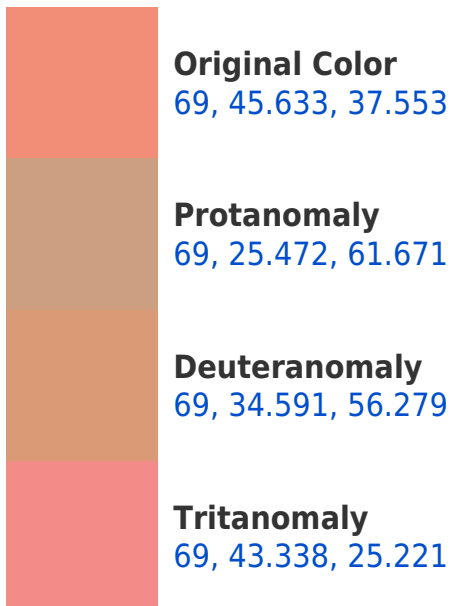
Dichromacy





Tritanopia
69, 43.574, 17.088

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 45.633, 37.553 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(242, 141, 120)` looks like.

```
.text, #text, p{  
    color:rgb(242, 141, 120)  
}
```

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(242, 141, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 141, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 45.633, 37.553 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(242, 141, 120) }
```

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

```
.border{ border-color:rgb(242, 141, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 141, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 141, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 141, 120);  
box-shadow:4px 4px 4px 4px rgb(242, 141,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 45.633, 37.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 141, 120) }
```

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

```
.background{ background-color: rgb(242,  
141, 120) }
```

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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