

# Converting Colors

CIELCh(65, 39.568, 17.554)

Have a look what the booklet for  
CIELCh(65, 39.568, 17.554) contains.

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# Color

**CIELCh(65, 39.568, 17.554)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2828A
RGB	226, 130, 138
RGB Percent	89%, 51%, 54%
CMY	0.1130, 0.4895, 0.4582
CMYK	0.00, 0.42, 0.39, 0.11
HSL	355°, 62%, 70%
HSV	355°, 42%, 89%
XYZ	44.0252, 34.0472, 28.3570
YIQ	159.6160, 54.6480, 22.8400

# Conversions

## Conversions Part 2

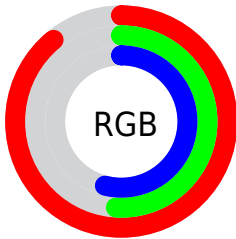
Format	Color
R <sub>Y</sub> B	226, 130, 138
Decimal	14844554
CIE Lab	65.00, 37.73, 11.93
CIE LCh	65, 39.568, 17.554
Yxy	34.0472, 0.4137, 0.3199
Android (android.graphics.Color)	4293034634 (0xFFE2828A)
YUV	159.6160, -10.6567, 58.2188
Hunter-Lab	58.3500, 32.5663, 12.0312

# Details

The CIELCh color **65, 39.568, 17.554** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 30.671, 189.362**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 27.469, 14.090**, and **45, 39.823, 17.601** is the 20% darker color. If you saturate the color by 10%, you get **60, 49.937, 19.675**, and if you desaturate by 10%, it is **70, 29.432, 15.897**.

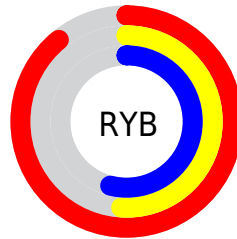
# Distribution



Red (89%)

Green (51%)

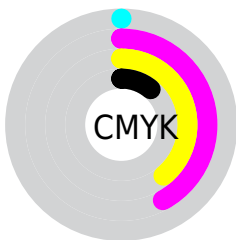
Blue (54%)



Red (89%)

Yellow (51%)

Blue (54%)

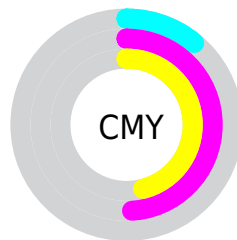


Cyan (0%)

Magenta (42%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (49%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 39.568, 17.554 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 65, 39.568, 17.554 by changing the saturation by 10% instead.



65, 39.568, 17.554

65, 39.568, 17.554

100, 39.568,  
17.554

55, 39.568, 17.554

85, 39.568, 17.554

45, 39.568, 17.554

95, 39.568, 17.554

35, 39.568, 17.554

25, 39.568, 17.554

15, 39.568, 17.554

5, 39.568, 17.554

0, 39.568, 17.554

65, 39.568, 17.554

65, 39.568, 17.554

60, 49.937, 19.675

70, 29.432, 15.897

56, 60.253, 22.380

76, 19.736, 14.580

52, 70.158, 25.781

82, 10.585, 13.505

49, 79.298, 29.863

88, 2.014, 12.413

48, 87.245, 34.284

95, 5.987, 192.098

47, 92.058, 37.194

98, 9.783, 198.855

# Harmonies

# Complementary

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



65, 39.568, 17.554



84, 30.671, 189.362

# Rectangle

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



65, 39.568, 17.554



65, 39.568, 67.554



65, 39.568, 197.554



65, 39.568, 247.554

# Sweetspot

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



65, 39.565, 17.557



91, 12.209, 13.569



67, 59.686, 324.220



47, 8.608, 13.794



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

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



65, 39.565, 17.557



68, 53.411, 19.413



74, 32.546, 61.458



44, 4.748, 13.212



36, 75.671, 36.511



6, 25.370, 17.434





# Inverse Universe

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



65, 39.565, 17.557



68, 53.411, 19.413



73, 26.923, 252.855



44, 4.748, 13.212



36, 75.671, 36.511



6, 25.370, 17.434



# Previews

## White Background



This preview shows how the CIELCh color 65, 39.568, 17.554 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 65, 39.568, 17.554 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 65, 39.568, 17.554

## Background



This preview shows how black text looks on a background with the CIELCh color 65, 39.568, 17.554.



This preview shows how white text looks on a background with the CIELCh color 65, 39.568, 17.554.

# 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

65, 39.568, 17.554

### Protanopia

65, 3.157, 80.418

### Deuteranopia

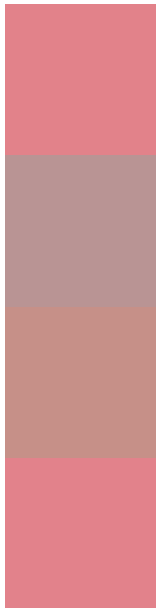
65, 16.005, 58.428



**Tritanopia**  
65, 39.479, 15.977



# Trichromacy



**Original Color**  
65, 39.568, 17.554

**Protanomaly**  
65, 14.826, 20.814

**Deuteranomaly**  
65, 22.929, 32.491

**Tritanomaly**  
65, 39.520, 16.766

# Monochromacy



**Original Color**  
65, 39.568, 17.554

**Achromatopsia**  
66, 0.008, 296.813

**Achromatomaly**  
65, 13.972, 13.965

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 65, 39.568, 17.554 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(226, 130, 138)` looks like.

```
.text, #text, p{  
    color:rgb(226, 130, 138)  
}
```

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(226, 130, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 130, 138) }
```

## Border

The CSS property to change the border of an element to CIELCh 65, 39.568, 17.554 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(226, 130, 138) }
```

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

```
.border{ border-color:rgb(226, 130, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 130, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 130, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 130, 138); box-shadow:4px 4px 4px 4px rgb(226, 130, 138) }
```

# Background

The CSS property to change the background color of an element to CIELCh 65, 39.568, 17.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 130, 138) }
```

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

```
.background{ background-color: rgb(226,  
130, 138) }
```

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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