

# Converting Colors

CIELCh(92, 5.632, 324.408)

Have a look what the booklet for  
CIELCh(92, 5.632, 324.408) contains.

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# Color

**CIELCh(92, 5.678, 324.598)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EEE5EE
RGB	238, 229, 238
RGB Percent	93%, 90%, 93%
CMY	0.0651, 0.1004, 0.0651
CMYK	0.00, 0.04, 0.00, 0.07
HSL	300°, 21%, 92%
HSV	300°, 4%, 93%
XYZ	79.0178, 80.7044, 92.6130
YIQ	232.7170, 2.4750, 4.7070

# Conversions

## Conversions Part 2

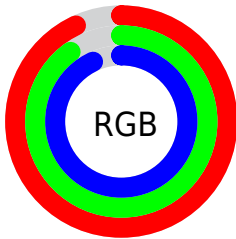
Format	Color
R <sub>Y</sub> B	238, 229, 238
Decimal	15656430
CIE Lab	92.00, 4.63, -3.29
CIE LCh	92, 5.678, 324.598
Yxy	80.7044, 0.3131, 0.3198
Android (android.graphics.Color)	4293846510 (0xFFEEE5EE)
YUV	232.7170, 2.6045, 4.6332
Hunter-Lab	89.8356, -0.2070, 1.7620

# Details

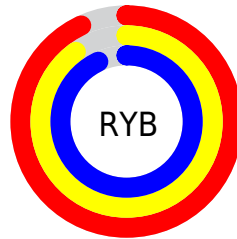
The CIELCh color `92, 5.678, 324.598` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 5.656, 144.281`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 5.308, 324.634` is the 20% darker color. If you saturate the color by 10%, you get `86, 20.821, 325.187`, and if you desaturate by 10%, it is `98, 9.243, 144.137`.

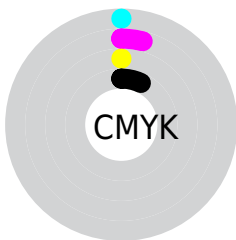
# Distribution



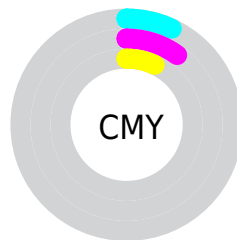
- Red (93%)
- Green (90%)
- Blue (93%)



- Red (93%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (7%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 5.678, 324.598 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 92, 5.678, 324.598 by changing the saturation by 10% instead.



 92, 5.678, 324.598

 92, 5.678, 324.598

 100, 5.678,  
324.598

 82, 5.678, 324.598

 72, 5.678, 324.598

 62, 5.678, 324.598

 52, 5.678, 324.598

 42, 5.678, 324.598

 32, 5.678, 324.598

 22, 5.678, 324.598

 12, 5.678, 324.598

 2, 5.678, 324.598

92, 5.678, 324.598

92, 5.678, 324.598

86, 20.821,  
325.187

98, 9.243, 144.137

81, 36.004,  
325.740

98, 10.327,  
144.094

75, 50.937,  
326.272

98, 10.327,  
144.094

71, 65.225,  
326.770

98, 10.327,  
144.094

66, 78.358,  
327.215

98, 10.327,  
144.094

63, 89.751,  
327.592

98, 10.327,  
144.095

60, 98.832,  
327.886

98, 10.327,  
144.095

58, 105.184,  
328.087

98, 10.327,  
144.095

■ 57,108.712,  
328.198

■ 98,10.327,  
144.095

# Harmonies

# Complementary

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



92, 5.678, 324.598



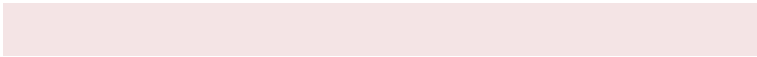
93, 5.656, 144.281

# Rectangle

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



92, 5.678, 324.598



92, 5.678, 14.598



92, 5.678, 144.598



92, 5.678, 194.598

# Sweetspot

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



92, 5.675, 324.598



99, 1.592, 324.303



91, 4.669, 290.566



53, 0.905, 324.290



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

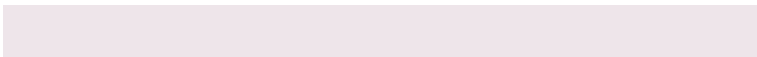
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 5.675, 324.598



97, 7.944, 324.679



92, 3.986, 343.845



48, 5.153, 324.721



44, 90.297, 328.233



10, 39.418, 328.233



# Inverse Universe

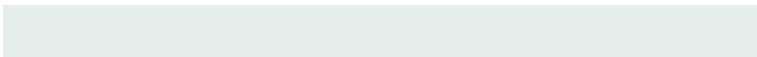
The Inverse Universe completely reimagines the original color for something new.



92, 5.675, 324.598



97, 7.944, 324.679



93, 3.953, 163.458



48, 5.153, 324.721



44, 90.297, 328.233

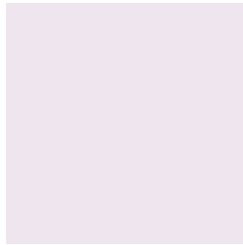


10, 39.418, 328.233



# Previews

## White Background



This preview shows how the CIELCh color 92, 5.678, 324.598 looks on a white background.

## Color Contrast Check

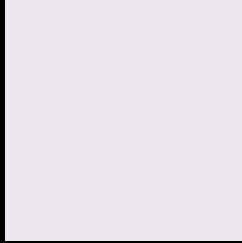
Large Text (above 18pt) WCAG AA × Fail

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 92, 5.678, 324.598 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

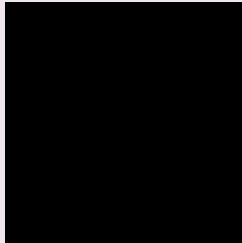
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

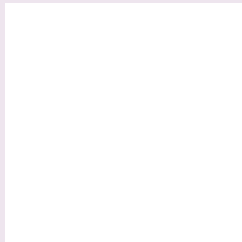
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 92, 5.678, 324.598**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 92, 5.678, 324.598.



This preview shows how white text looks on a background with the CIELCh color 92, 5.678, 324.598.

# 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

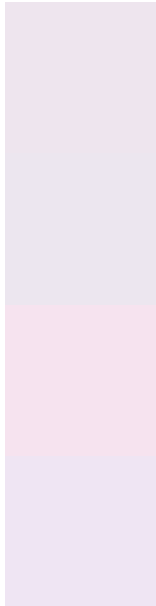






**Tritanopia**  
92, 10.272, 314.954

# Trichromacy



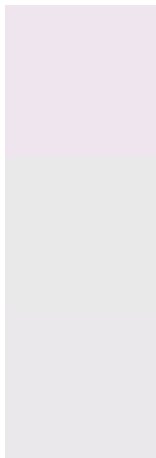
**Original Color**  
92, 5.678, 324.598

**Protanomaly**  
92, 5.146, 314.787

**Deuteranomaly**  
92, 9.210, 337.712

**Tritanomaly**  
92, 8.095, 316.400

# Monochromacy



**Original Color**  
92, 5.678, 324.598

**Achromatopsia**  
92, 0.011, 296.813

**Achromatomaly**  
92, 1.899, 324.359

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 92, 5.678, 324.598 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(238, 229, 238)` looks like.

```
.text, #text, p{  
    color:rgb(238, 229, 238)  
}
```

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(238, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 238) }
```

## Border

The CSS property to change the border of an element to CIELCh 92, 5.678, 324.598 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(238, 229, 238) }
```

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

```
.border{ border-color:rgb(238, 229, 238) }
```

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

Here you see how a box with a 4 pixel rgb(238, 229, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
238) }
```

# Background

The CSS property to change the background color of an element to CIELCh 92, 5.678, 324.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 238) }
```

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

```
.background{ background-color: rgb(238,  
229, 238) }
```

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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