

Converting Colors

CIELCh(90, 4.479, 11.747)

Have a look what the booklet for
CIELCh(90, 4.479, 11.747) contains.

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Color

CIELCh(90, 4.365, 12.768)

Conversions

Conversions Part 1

Format	Color
Hex	ECE0E1
RGB	236, 224, 225
RGB Percent	93%, 88%, 88%
CMY	0.0759, 0.1230, 0.1191
CMYK	0.00, 0.05, 0.05, 0.08
HSL	355°, 24%, 90%
HSV	355°, 5%, 92%
XYZ	74.5702, 76.3034, 81.7727
YIQ	227.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

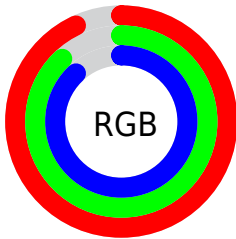
Format	Color
R _Y B	236, 224, 225
Decimal	15524065
CIE Lab	90.00, 4.26, 0.96
CIE LCh	90, 4.365, 12.768
Yxy	76.3034, 0.3205, 0.3280
Android (android.graphics.Color)	4293714145 (0xFFECE0E1)
YUV	227.7020, -1.3321, 7.2773
Hunter-Lab	87.3518, -0.4843, 5.6431

Details

The CIELCh color **90, 4.365, 12.768** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 4.244, 192.297**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 4.228, 12.255** is the 20% darker color. If you saturate the color by 10%, you get **84, 13.384, 13.789**, and if you desaturate by 10%, it is **96, 4.061, 192.339**.

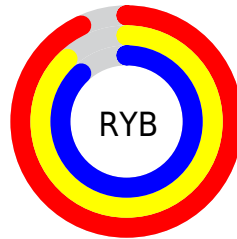
Distribution



Red (93%)

Green (88%)

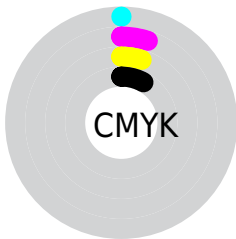
Blue (88%)



Red (93%)

Yellow (88%)

Blue (88%)

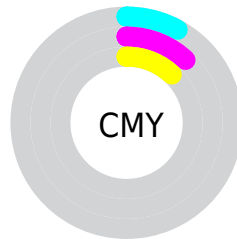


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 4.365, 12.768 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 90, 4.365, 12.768 by changing the saturation by 10% instead.



90, 4.365, 12.768

90, 4.365, 12.768

84, 13.384, 13.789

96, 4.061, 192.339

78, 23.002, 14.922

99, 6.637, 199.085

72, 33.163, 16.325

66, 43.732, 18.102

61, 54.474, 20.373

57, 65.059, 23.270

53, 75.116, 26.881

51, 84.274, 31.123

50, 91.998, 35.508

Harmonies

Complementary

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



90, 4.365, 12.768



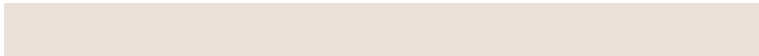
92, 4.244, 192.297

Rectangle

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



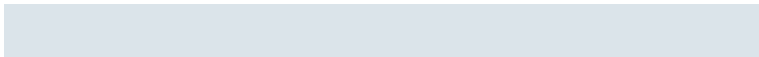
90, 4.365, 12.768



90, 4.365, 62.768



90, 4.365, 192.768



90, 4.365, 242.768

Sweetspot

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



90, 4.363, 12.793



99, 1.810, 12.331



90, 7.390, 322.397



53, 1.029, 12.304



0, 0.000, 0.000



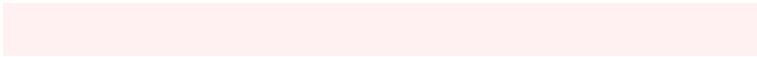
53, 0.007, 296.813

Same Dimension

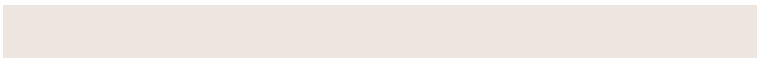
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 4.363, 12.793



96, 5.501, 12.892



91, 3.593, 65.221



47, 3.415, 12.953



38, 77.382, 36.609



7, 28.208, 19.327

Inverse Universe

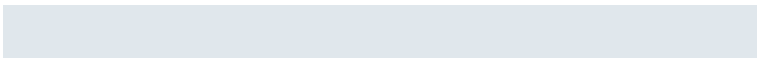
The Inverse Universe completely reimagines the original color for something new.



90, 4.363, 12.793



96, 5.501, 12.892



91, 3.537, 246.602



47, 3.415, 12.953



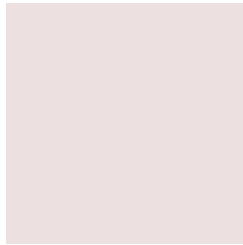
38, 77.382, 36.609



7, 28.208, 19.327

Previews

White Background



This preview shows how the CIELCh color 90, 4.365, 12.768 looks on a white background.

Color Contrast Check

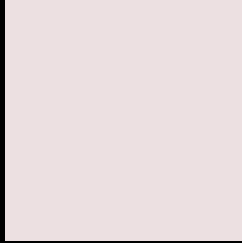
Large Text (above 18pt) WCAG AA × Fail

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 90, 4.365, 12.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

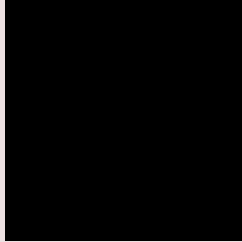
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

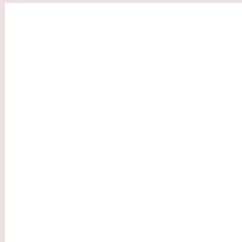
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 4.365, 12.768

Background



This preview shows how black text looks on a background with the CIELCh color 90, 4.365, 12.768.



This preview shows how white text looks on a background with the CIELCh color 90, 4.365, 12.768.

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](#).

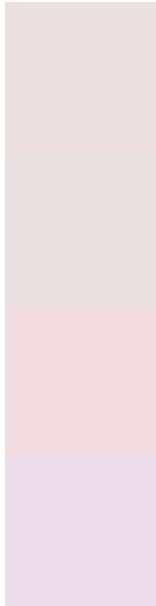
Dichromacy





Tritanopia
90, 11.175, 323.310

Trichromacy



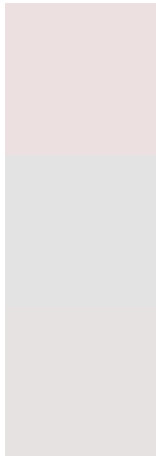
Original Color
90, 4.365, 12.768

Protanomaly
90, 2.573, 7.733

Deuteranomaly
90, 8.738, 2.765

Tritanomaly
90, 8.251, 330.879

Monochromacy



Original Color
90, 4.365, 12.768

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.434, 19.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 4.365, 12.768 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, 224, 225)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 225)  
}
```

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, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 4.365, 12.768 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, 224, 225) }
```

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

```
.border{ border-color:rgb(236, 224, 225) }
```

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

Here you see how a box with a 4 pixel rgb(236, 224, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 4.365, 12.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 225) }
```

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

```
.background{ background-color: rgb(236,  
224, 225) }
```

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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