

Converting Colors

CIELCh(90, 5.861, 33.575)

Have a look what the booklet for
CIELCh(90, 5.861, 33.575) contains.

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Color

CIELCh(90, 6.028, 34.611)

Conversions

Conversions Part 1

Format	Color
Hex	EFDFDC
RGB	239, 223, 220
RGB Percent	94%, 87%, 86%
CMY	0.0627, 0.1254, 0.1372
CMYK	0.00, 0.07, 0.08, 0.06
HSL	9°, 37%, 90%
HSV	9°, 8%, 94%
XYZ	74.9123, 76.3034, 78.4988
YIQ	227.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

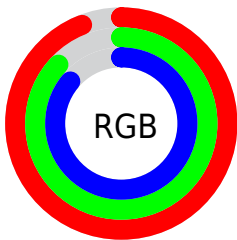
Format	Color
R _Y B	239, 224, 220
Decimal	15720412
CIE Lab	90.00, 4.96, 3.42
CIE LCh	90, 6.028, 34.611
Yxy	76.3034, 0.3261, 0.3322
Android (android.graphics.Color)	4293910492 (0xFFEFD _F DC)
YUV	227.4420, -3.6689, 10.1364
Hunter-Lab	87.3518, 0.2147, 7.8652

Details

The CIELCh color **90, 6.028, 34.611** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 5.729, 214.909**, 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, 6.010, 35.571** is the 20% darker color. If you saturate the color by 10%, you get **84, 14.191, 34.795**, and if you desaturate by 10%, it is **96, 1.495, 215.173**.

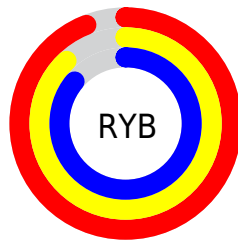
Distribution



Red (94%)

Green (87%)

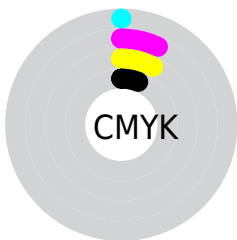
Blue (86%)



Red (94%)

Yellow (88%)

Blue (86%)

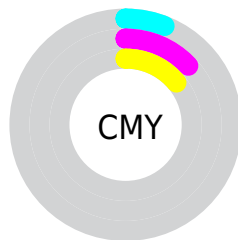


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (6%)



Cyan (6%)

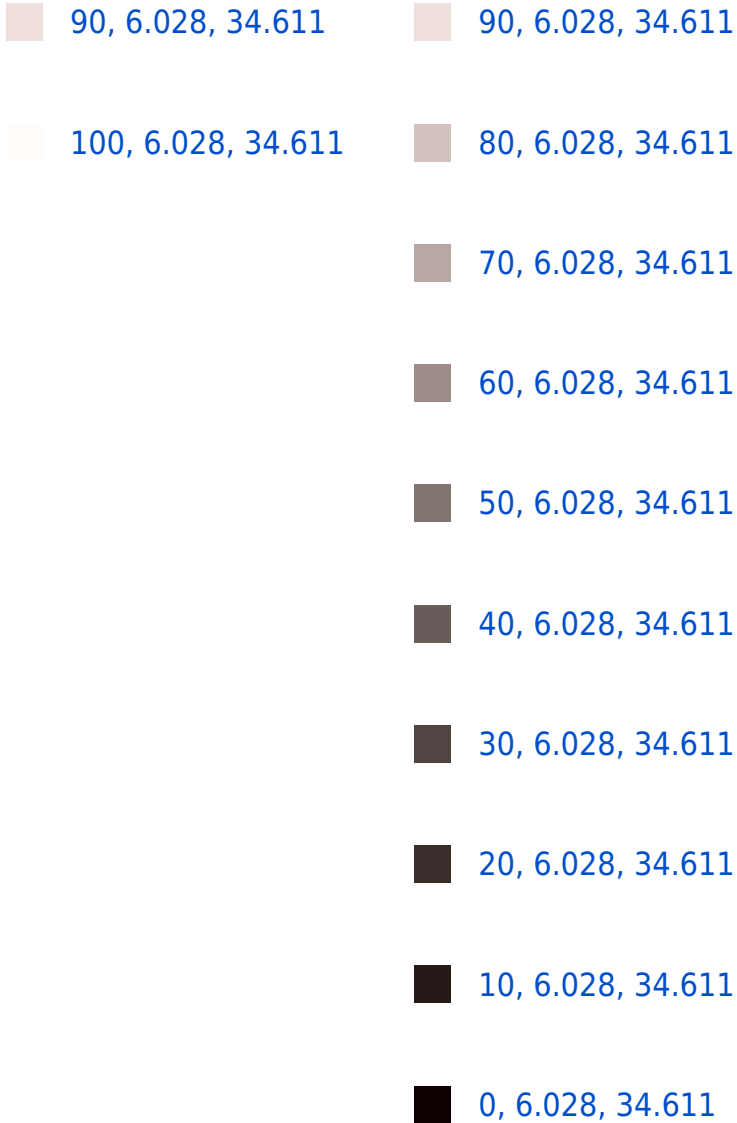
Magenta (13%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.028, 34.611 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, 6.028, 34.611 by changing the saturation by 10% instead.



90, 6.028, 34.611

90, 6.028, 34.611

84, 14.191, 34.795

96, 1.495, 215.173

79, 23.051, 35.060

99, 5.497, 199.178

74, 32.638, 35.509

69, 42.941, 36.196

64, 53.884, 37.166

60, 65.273, 38.436

57, 76.695, 39.924

54, 87.233, 41.306

52, 95.110, 41.887

Harmonies

Complementary

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



90, 6.028, 34.611



92, 5.729, 214.909

Rectangle

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



90, 6.028, 34.611



90, 6.028, 84.611



90, 6.028, 214.611



90, 6.028, 264.611

Sweetspot

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



90, 6.027, 34.635



99, 1.558, 34.310



90, 10.823, 329.288



53, 0.886, 34.288



0, 0.000, 0.000



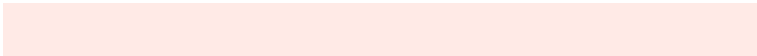
53, 0.007, 296.813

Same Dimension

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



90, 6.027, 34.635



94, 8.060, 34.668



92, 6.788, 88.731



47, 4.345, 34.659



40, 78.791, 42.359



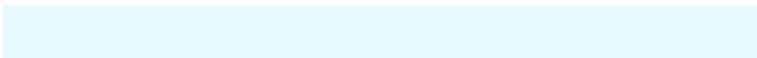
9, 26.821, 32.629

Inverse Universe

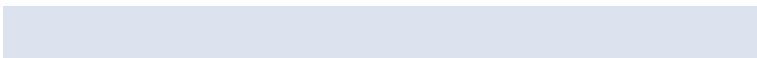
The Inverse Universe completely reimagines the original color for something new.



92, 5.729, 214.909



97, 7.554, 214.915



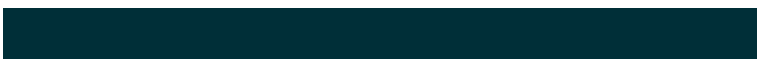
90, 6.782, 270.852



49, 4.088, 214.912



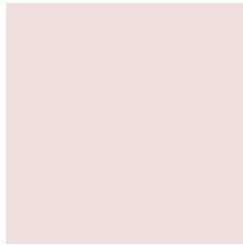
59, 34.024, 226.402



17, 14.921, 221.678

Previews

White Background



This preview shows how the CIELCh color 90, 6.028, 34.611 looks on a white background.

Color Contrast Check

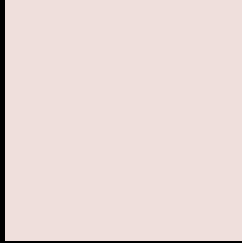
Large Text (above 18pt) WCAG AA × Fail

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, 6.028, 34.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

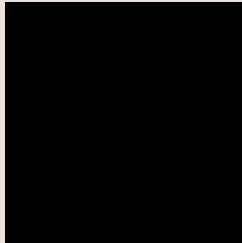
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

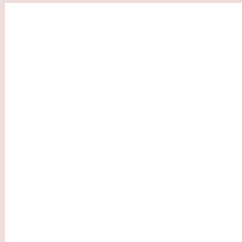
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.028, 34.611

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.028, 34.611.

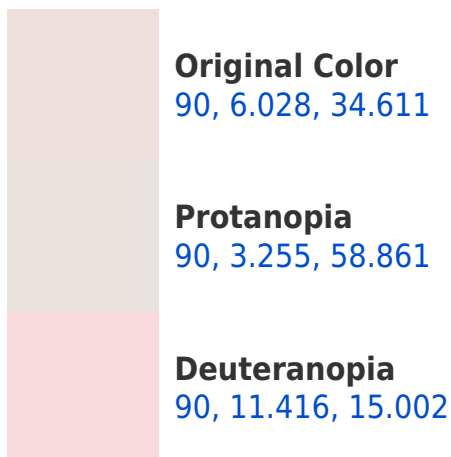


This preview shows how white text looks on a background with the CIELCh color 90, 6.028, 34.611.

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, 12.234, 330.433

Trichromacy



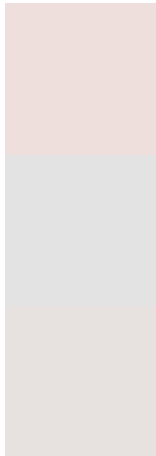
Original Color
90, 6.028, 34.611

Protanomaly
90, 4.270, 40.845

Deuteranomaly
90, 9.525, 16.924

Tritanomaly
90, 8.886, 344.293

Monochromacy



Original Color
90, 6.028, 34.611

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.063, 49.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.028, 34.611 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(239, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(239, 223, 220)  
}
```

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(239, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 223, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.028, 34.611 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(239, 223, 220) }
```

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

```
.border{ border-color:rgb(239, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 223,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.028, 34.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 223, 220) }
```

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

```
.background{ background-color: rgb(239,  
223, 220) }
```

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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