

Converting Colors

CIELCh(90, 6.027, 308.754)

Have a look what the booklet for
CIELCh(90, 6.027, 308.754) contains.

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Color

CIELCh(90, 6.132, 310.815)

Conversions

Conversions Part 1

Format	Color
Hex	E6E0EB
RGB	230, 224, 235
RGB Percent	90%, 88%, 92%
CMY	0.0971, 0.1207, 0.0775
CMYK	0.02, 0.05, 0.00, 0.08
HSL	273°, 22%, 90%
HSV	273°, 5%, 92%
XYZ	74.4494, 76.3034, 89.5726
YIQ	227.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

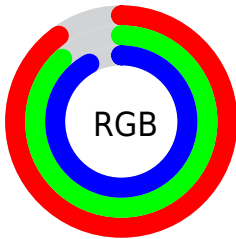
Format	Color
R_{YB}	230, 224, 235
Decimal	15130859
CIE _{Lab}	90.00, 4.01, -4.64
CIE _{LCh}	90, 6.132, 310.815
Yxy	76.3034, 0.3098, 0.3175
Android (android.graphics.Color)	4293320939 (0xFFE6E0EB)
YUV	227.0480, 3.9203, 2.5889
Hunter-Lab	87.3518, -0.7311, 0.3489

Details

The CIELCh color **90, 6.132, 310.815** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 6.077, 130.462**, 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, 5.946, 312.688** is the 20% darker color. If you saturate the color by 10%, you get **83, 19.489, 311.278**, and if you desaturate by 10%, it is **97, 6.855, 130.444**.

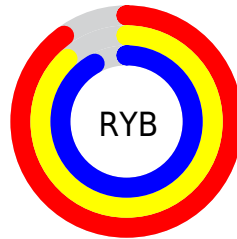
Distribution



Red (90%)

Green (88%)

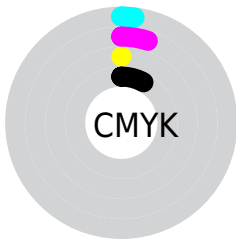
Blue (92%)



Red (90%)

Yellow (88%)

Blue (92%)

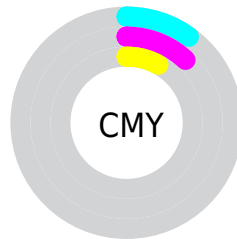


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.132, 310.815 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, 6.132, 310.815 by changing the saturation by 10% instead.

90, 6.132, 310.815

90, 6.132, 310.815

100, 6.132,
310.815

80, 6.132, 310.815

70, 6.132, 310.815

60, 6.132, 310.815

50, 6.132, 310.815

40, 6.132, 310.815

30, 6.132, 310.815

20, 6.132, 310.815

10, 6.132, 310.815

0, 6.132, 310.815

90, 6.132, 310.815

90, 6.132, 310.815

83, 19.489,
311.278

97, 6.855, 130.444

77, 33.178,
311.764

99, 10.097,
116.320

70, 47.098,
312.267

100, 10.009,
109.420

64, 61.070,
312.766

58, 74.784,
313.224

52, 87.745,
313.583

47, 99.233,
313.763

43, 108.358,
313.661

■ 40,114.314,
313.179

Harmonies

Complementary

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



90, 6.132, 310.815



92, 6.077, 130.462

Rectangle

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



90, 6.132, 310.815



90, 6.132, 0.815



90, 6.132, 130.815



90, 6.132, 180.815

Sweetspot

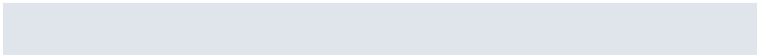
The Sweet Spot groups the original color and five complimentary colors.



90, 6.130, 310.810



99, 1.401, 310.564



91, 3.513, 259.649



53, 0.797, 310.556



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, 6.130, 310.810



96, 8.411, 310.874



90, 6.801, 325.559



47, 5.214, 310.902



29, 95.541, 312.994



5, 37.902, 313.140

Inverse Universe

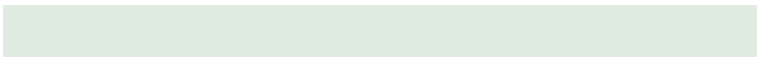
The Inverse Universe completely reimagines the original color for something new.



90, 4.741, 346.467



96, 6.507, 346.608



92, 6.781, 145.118



47, 4.034, 346.668



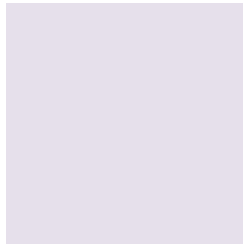
39, 65.282, 6.278



8, 28.241, 358.733

Previews

White Background



This preview shows how the CIE LCh color 90, 6.132, 310.815 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, 6.132, 310.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

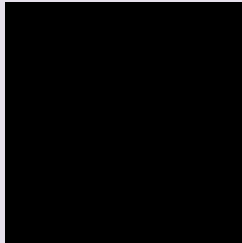
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

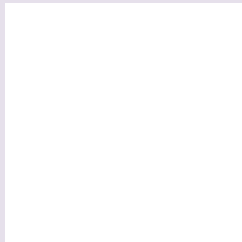
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.132, 310.815

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.132, 310.815.



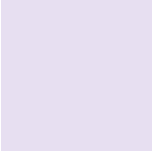
This preview shows how white text looks on a background with the CIELCh color 90, 6.132, 310.815.

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](#).

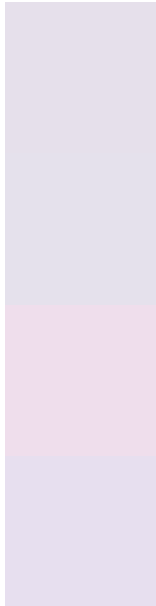
Dichromacy





Tritanopia
90, 9.816, 307.447

Trichromacy



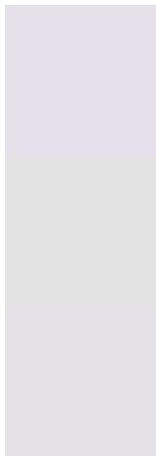
Original Color
90, 6.132, 310.815

Protanomaly
90, 5.914, 304.400

Deuteranomaly
90, 9.499, 330.118

Tritanomaly
90, 8.826, 309.351

Monochromacy



Original Color
90, 6.132, 310.815

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.214, 309.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.132, 310.815 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(230, 224, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 235)  
}
```

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(230, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.132, 310.815 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(230, 224, 235) }
```

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

```
.border{ border-color:rgb(230, 224, 235) }
```

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

Here you see how a box with a 4 pixel rgb(230, 224, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.132, 310.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 235) }
```

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

```
.background{ background-color: rgb(230,  
224, 235) }
```

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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