

Converting Colors

CIELCh(90, 6.055, 331.181)

Have a look what the booklet for
CIELCh(90, 6.055, 331.181) contains.

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Color

CIELCh(90, 6.138, 330.133)

Conversions

Conversions Part 1

Format	Color
Hex	EADFE8
RGB	234, 223, 232
RGB Percent	92%, 87%, 91%
CMY	0.0813, 0.1244, 0.0891
CMYK	0.00, 0.05, 0.01, 0.08
HSL	311°, 21%, 90%
HSV	311°, 5%, 92%
XYZ	75.0884, 76.3034, 87.3201
YIQ	227.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

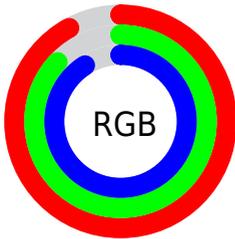
Format	Color
RYB	234, 223, 232
Decimal	15392744
CIELab	90.00, 5.32, -3.06
CIELCh	90, 6.138, 330.133
Yxy	76.3034, 0.3146, 0.3196
Android (android.graphics.Color)	4293582824 (0xFFEADFE8)
YUV	227.3150, 2.3097, 5.8627
Hunter-Lab	87.3518, 0.5745, 1.8778

Details

The CIELCh color `90, 6.138, 330.133` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 6.113, 149.667`, 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, 5.801, 330.822` is the 20% darker color. If you saturate the color by 10%, you get `84, 19.323, 330.798`, and if you desaturate by 10%, it is `96, 6.844, 149.640`.

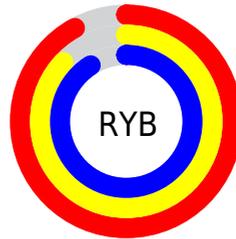
Distribution



Red (92%)

Green (87%)

Blue (91%)



Red (92%)

Yellow (87%)

Blue (91%)

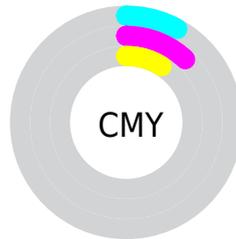


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.138, 330.133 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, 6.138, 330.133 by changing the saturation by 10% instead.

90, 6.138, 330.133

90, 6.138, 330.133

100, 6.138,
330.133

80, 6.138, 330.133

70, 6.138, 330.133

60, 6.138, 330.133

50, 6.138, 330.133

40, 6.138, 330.133

30, 6.138, 330.133

20, 6.138, 330.133

10, 6.138, 330.133

0, 6.138, 330.133

90, 6.138, 330.133

90, 6.138, 330.133

84, 19.323,
330.798

96, 6.844, 149.640

79, 32.553,
331.451

98, 10.317,
154.348

73, 45.574,
332.119

98, 8.874, 164.126

68, 58.019,
332.801

98, 7.769, 177.111

64, 69.405,
333.500

99, 7.093, 199.050

60, 79.157,
334.222

57, 86.687,
334.980

55, 91.545,
335.800

■ 54, 93.606,
336.713

Harmonies

Complementary

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



90, 6.138, 330.133



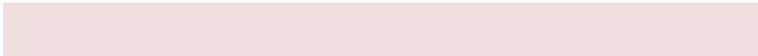
92, 6.113, 149.667

Rectangle

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



90, 6.138, 330.133



90, 6.138, 20.133



90, 6.138, 150.133



90, 6.138, 200.133

Sweetspot

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



90, 6.135, 330.135



99, 1.403, 329.706



89, 5.778, 297.051



53, 0.798, 329.690



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, 6.135, 330.135



96, 8.407, 330.229



90, 4.404, 354.005



47, 5.209, 330.270



41, 77.583, 337.058



9, 33.900, 335.544

Inverse Universe

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



90, 6.135, 330.135



96, 8.407, 330.229



92, 4.343, 173.386



47, 5.209, 330.270



41, 77.583, 337.058



9, 33.900, 335.544

Previews

White Background



This preview shows how the CIELCh color 90, 6.138, 330.133 looks on a white background.

Color Contrast Check

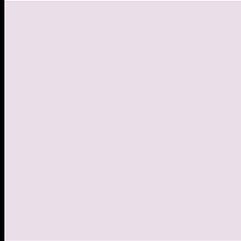
Large Text (above 18pt) WCAG AA × Fail

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, 6.138, 330.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

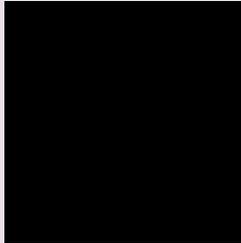
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

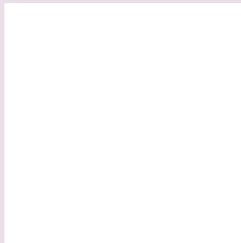
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.138, 330.133

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.138, 330.133.

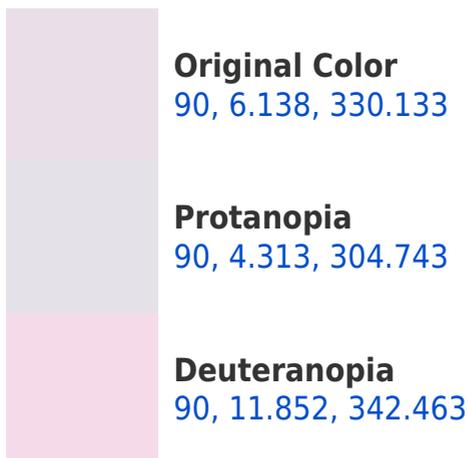


This preview shows how white text looks on a background with the CIELCh color 90, 6.138, 330.133.

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, 10.472, 316.729

Trichromacy



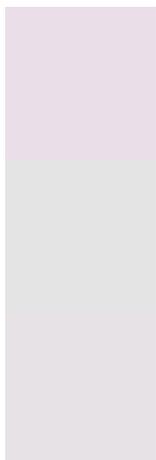
Original Color
90, 6.138, 330.133

Protanomaly
90, 5.171, 314.791

Deuteranomaly
90, 9.522, 339.217

Tritanomaly
90, 9.103, 321.035

Monochromacy



Original Color
90, 6.138, 330.133

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.541, 324.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.138, 330.133 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(234, 223, 232)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 232)  
}
```

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(234, 223, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.138, 330.133 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(234, 223, 232) }
```

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

```
.border{ border-color:rgb(234, 223, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 232);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.138, 330.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 232) }
```

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

```
.background{ background-color: rgb(234,  
223, 232) }
```

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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