

Converting Colors

CIELCh(90, 5.180, 350.476)

Have a look what the booklet for
CIELCh(90, 5.180, 350.476) contains.

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Color

CIELCh(90, 5.364, 350.774)

Conversions

Conversions Part 1

Format	Color
Hex	ECDFE4
RGB	236, 223, 228
RGB Percent	93%, 87%, 89%
CMY	0.0740, 0.1250, 0.1054
CMYK	0.00, 0.06, 0.03, 0.07
HSL	337°, 26%, 90%
HSV	337°, 6%, 93%
XYZ	75.0746, 76.3034, 84.2598
YIQ	227.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

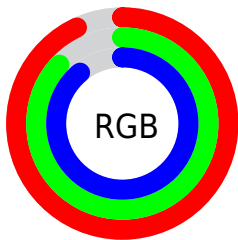
Format	Color
R _{YB}	236, 223, 228
Decimal	15523812
CIE Lab	90.00, 5.29, -0.86
CIE LCh	90, 5.364, 350.774
Yxy	76.3034, 0.3186, 0.3238
Android (android.graphics.Color)	4293713892 (0xFFE4DFE4)
YUV	227.4570, 0.2677, 7.4922
Hunter-Lab	87.3518, 0.5465, 3.9550

Details

The CIELCh color **90, 5.364, 350.774** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 5.291, 169.986**, 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, 5.321, 348.907** is the 20% darker color. If you saturate the color by 10%, you get **84, 15.345, 351.836**, and if you desaturate by 10%, it is **96, 4.285, 170.121**.

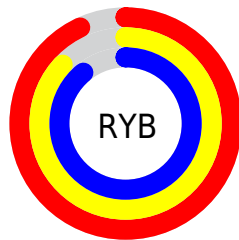
Distribution



Red (93%)

Green (87%)

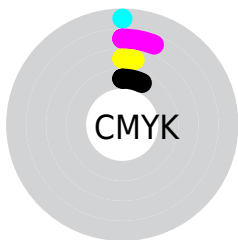
Blue (89%)



Red (93%)

Yellow (87%)

Blue (89%)

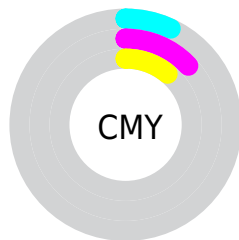


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.364, 350.774 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, 5.364, 350.774 by changing the saturation by 10% instead.

90, 5.364, 350.774

90, 5.364, 350.774

100, 5.364,
350.774

80, 5.364, 350.774

70, 5.364, 350.774

60, 5.364, 350.774

50, 5.364, 350.774

40, 5.364, 350.774

30, 5.364, 350.774

20, 5.364, 350.774

10, 5.364, 350.774

0, 5.364, 350.774

90, 5.364, 350.774

90, 5.364, 350.774

84, 15.345,
351.836

96, 4.285, 170.121

99, 6.472, 199.098

78, 25.576,
352.981

72, 35.889,
354.303

67, 46.017,
355.873

62, 55.574,
357.782

58, 64.072, 0.158

54, 71.011, 3.167

52, 76.056, 6.991

51, 79.276, 11.760

Harmonies

Complementary

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



90, 5.364, 350.774



92, 5.291, 169.986

Rectangle

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



90, 5.364, 350.774



90, 5.364, 40.774



90, 5.364, 170.774



90, 5.364, 220.774

Sweetspot

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



90, 5.362, 350.786



99, 2.064, 350.301



90, 7.338, 312.689



53, 1.174, 350.279



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

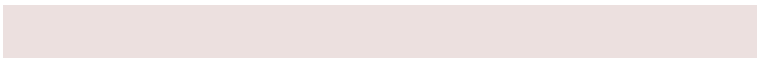
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 5.362, 350.786



95, 7.275, 350.949



90, 4.280, 28.593



47, 4.418, 351.006



38, 65.772, 13.091



7, 27.908, 3.965

Inverse Universe

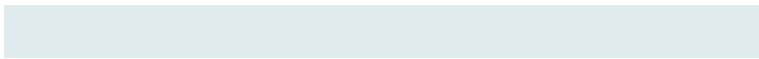
The Inverse Universe completely reimagines the original color for something new.



90, 5.362, 350.786



95, 7.275, 350.949



92, 4.133, 208.653



47, 4.418, 351.006



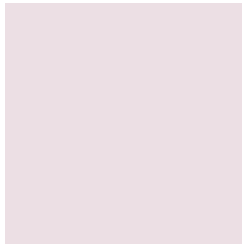
38, 65.772, 13.091



7, 27.908, 3.965

Previews

White Background



This preview shows how the CIE LCh color 90, 5.364, 350.774 looks on a white background.

Color Contrast Check

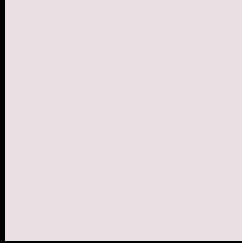
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 5.364, 350.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

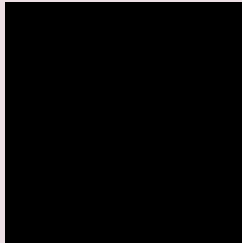
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

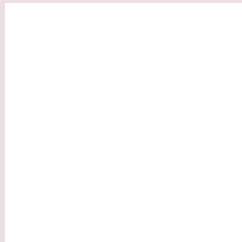
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.364, 350.774

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.364, 350.774.

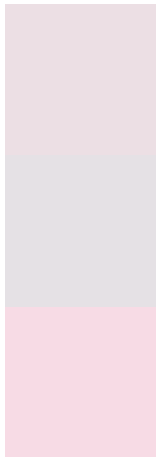


This preview shows how white text looks on a background with the CIELCh color 90, 5.364, 350.774.

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



Original Color

90, 5.364, 350.774

Protanopia

90, 2.543, 324.426

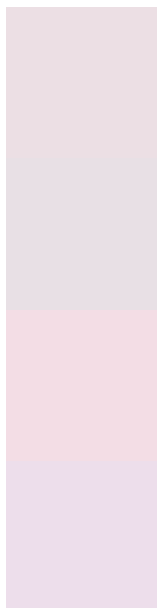
Deuteranopia

90, 11.384, 353.156



Tritanopia
90, 11.175, 323.310

Trichromacy



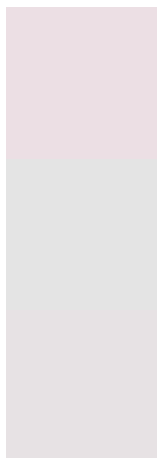
Original Color
90, 5.364, 350.774

Protanomaly
90, 3.889, 337.633

Deuteranomaly
90, 8.969, 352.492

Tritanomaly
90, 8.650, 328.643

Monochromacy



Original Color
90, 5.364, 350.774

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.083, 349.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.364, 350.774 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, 223, 228)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 228)  
}
```

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, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.364, 350.774 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, 223, 228) }
```

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

```
.border{ border-color:rgb(236, 223, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.364, 350.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 228) }
```

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

```
.background{ background-color: rgb(236,  
223, 228) }
```

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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