

Converting Colors

CIELCh(90, 4.895, 359.207)

Have a look what the booklet for
CIELCh(90, 4.895, 359.207) contains.

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Color

CIELCh(90, 5.134, 355.838)

Conversions

Conversions Part 1

Format	Color
Hex	ECDFE3
RGB	236, 223, 227
RGB Percent	93%, 87%, 89%
CMY	0.0737, 0.1247, 0.1090
CMYK	0.00, 0.06, 0.04, 0.07
HSL	342°, 26%, 90%
HSV	342°, 6%, 93%
XYZ	74.9898, 76.3034, 83.5906
YIQ	227.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

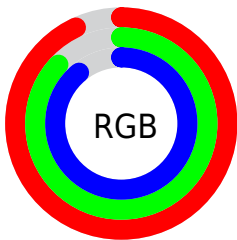
Format	Color
R _Y B	236, 223, 227
Decimal	15523811
CIE Lab	90.00, 5.12, -0.37
CIE LCh	90, 5.134, 355.838
Yxy	76.3034, 0.3193, 0.3249
Android (android.graphics.Color)	4293713891 (0xFFE3DFE3)
YUV	227.3430, -0.1691, 7.5922
Hunter-Lab	87.3518, 0.3732, 4.4092

Details

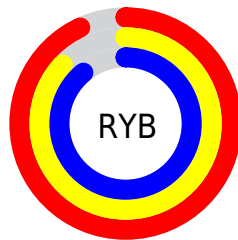
The CIELCh color `90, 5.134, 355.838` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 5.046, 175.046`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 5.065, 354.217` is the 20% darker color. If you saturate the color by 10%, you get `84, 14.746, 356.953`, and if you desaturate by 10%, it is `96, 4.091, 175.186`.

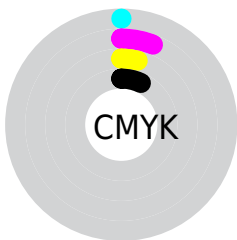
Distribution



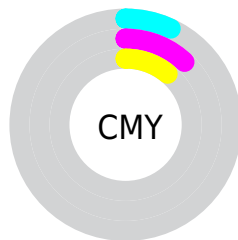
- Red (93%)
- Green (87%)
- Blue (89%)



- Red (93%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.134, 355.838 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, 5.134, 355.838 by changing the saturation by 10% instead.

90, 5.134, 355.838

90, 5.134, 355.838

100, 5.134,
355.838

80, 5.134, 355.838

70, 5.134, 355.838

60, 5.134, 355.838

50, 5.134, 355.838

40, 5.134, 355.838

30, 5.134, 355.838

20, 5.134, 355.838

10, 5.134, 355.838

0, 5.134, 355.838

90, 5.134, 355.838

90, 5.134, 355.838

84, 14.746,
356.953

96, 4.091, 175.186

78, 24.681,
358.166

99, 6.448, 199.100

72, 34.797,
359.590

67, 44.855, 1.306

62, 54.504, 3.423

57, 63.297, 6.085

54, 70.779, 9.465

52, 76.672, 13.729

50, 81.081, 18.928

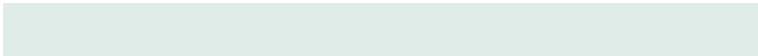
Harmonies

Complementary

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



90, 5.134, 355.838



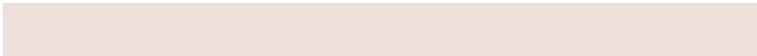
92, 5.046, 175.046

Rectangle

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



90, 5.134, 355.838



90, 5.134, 45.838



90, 5.134, 175.838



90, 5.134, 225.838

Sweetspot

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



90, 5.132, 355.852



99, 1.973, 355.339



90, 7.492, 315.406



53, 1.122, 355.315



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, 5.132, 355.852



95, 6.967, 356.024



90, 4.023, 37.340



47, 4.232, 356.083



38, 67.537, 20.341



7, 27.799, 8.928

Inverse Universe

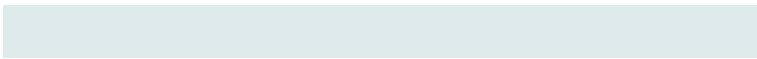
The Inverse Universe completely reimagines the original color for something new.



90, 5.132, 355.852



95, 6.967, 356.024



92, 3.890, 217.820



47, 4.232, 356.083



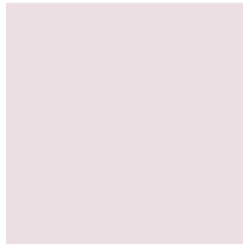
38, 67.537, 20.341



7, 27.799, 8.928

Previews

White Background



This preview shows how the CIELCh color 90, 5.134, 355.838 looks on a white background.

Color Contrast Check

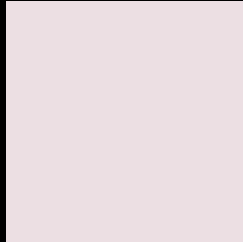
Large Text (above 18pt) WCAG AA × Fail

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, 5.134, 355.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

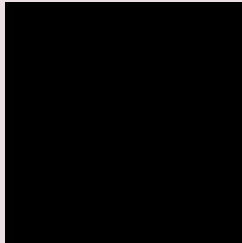
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

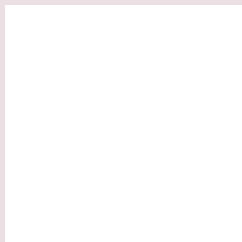
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.134, 355.838

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.134, 355.838.

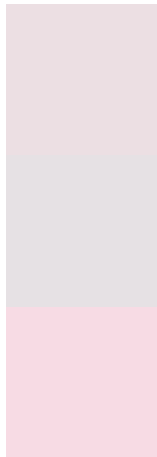


This preview shows how white text looks on a background with the CIELCh color 90, 5.134, 355.838.

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, 5.134, 355.838

Protanopia

90, 2.391, 338.622

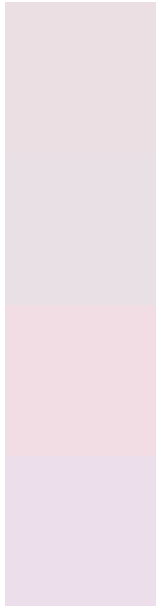
Deuteranopia

90, 11.169, 355.539



Tritanopia
90, 11.175, 323.310

Trichromacy



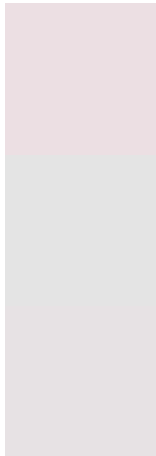
Original Color
90, 5.134, 355.838

Protanomaly
90, 3.560, 343.806

Deuteranomaly
90, 8.749, 355.512

Tritanomaly
90, 8.650, 328.643

Monochromacy



Original Color
90, 5.134, 355.838

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, 5.134, 355.838 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.134, 355.838 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, 227) }
```

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

```
.border{ border-color:rgb(236, 223, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.134, 355.838 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, 227) }
```

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

```
.background{ background-color: rgb(236,  
223, 227) }
```

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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