

Converting Colors

CIE LCh(90, 7.137, 354.317)

Have a look what the booklet for
CIELCh(90, 7.137, 354.317) contains.

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Color

CIELCh(90, 7.212, 354.321)

Conversions

Conversions Part 1

Format	Color
Hex	F0DEE4
RGB	240, 222, 228
RGB Percent	94%, 87%, 89%
CMY	0.0592, 0.1297, 0.1062
CMYK	0.00, 0.08, 0.05, 0.06
HSL	340°, 37%, 91%
HSV	340°, 8%, 94%
XYZ	75.9955, 76.3034, 84.0585
YIQ	228.0660, 8.8020, 5.6820

Conversions

Conversions Part 2

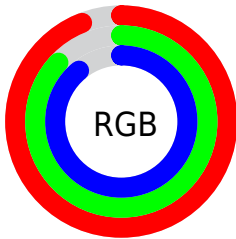
Format	Color
R _Y B	240, 222, 228
Decimal	15785700
CIE Lab	90.00, 7.18, -0.71
CIE LCh	90, 7.212, 354.321
Yxy	76.3034, 0.3215, 0.3228
Android (android.graphics.Color)	4293975780 (0xFFFF0DEE4)
YUV	228.0660, -0.0325, 10.4661
Hunter-Lab	87.3518, 2.4282, 4.0916

Details

The CIELCh color `90, 7.212, 354.321` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 7.068, 173.088`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 7.258, 353.192` is the 20% darker color. If you saturate the color by 10%, you get `84, 17.131, 355.424`, and if you desaturate by 10%, it is `96, 2.345, 173.712`.

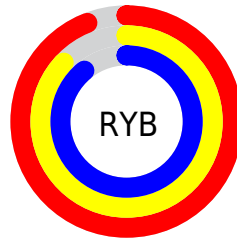
Distribution



Red (94%)

Green (87%)

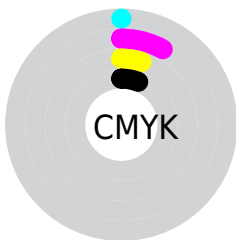
Blue (89%)



Red (94%)

Yellow (87%)

Blue (89%)

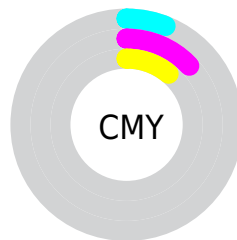


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.212, 354.321 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, 7.212, 354.321 by changing the saturation by 10% instead.

90, 7.212, 354.321

90, 7.212, 354.321

100, 7.212,
354.321

80, 7.212, 354.321

70, 7.212, 354.321

60, 7.212, 354.321

50, 7.212, 354.321

40, 7.212, 354.321

30, 7.212, 354.321

20, 7.212, 354.321

10, 7.212, 354.321

0, 7.212, 354.321

90, 7.212, 354.321

90, 7.212, 354.321

84, 17.131,
355.424

96, 2.345, 173.712

99, 5.192, 199.204

78, 27.328,
356.653

72, 37.630,
358.098

67, 47.764,
359.839

62, 57.337, 1.988

58, 65.868, 4.691

54, 72.900, 8.127

52, 78.196, 12.461

51, 81.987, 17.722

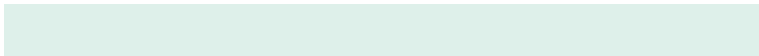
Harmonies

Complementary

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



90, 7.212, 354.321



93, 7.068, 173.088

Rectangle

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



90, 7.212, 354.321



90, 7.212, 44.321



90, 7.212, 174.321



90, 7.212, 224.321

Sweetspot

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



90, 7.210, 354.331



99, 2.002, 353.605



90, 10.319, 314.962



53, 1.138, 353.582



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

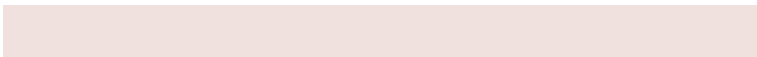
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 7.210, 354.331



94, 9.116, 354.495



91, 5.660, 35.544



47, 5.478, 354.543



39, 67.525, 18.029



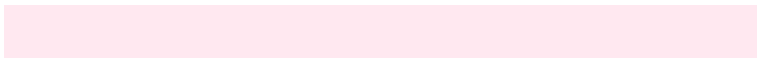
8, 28.756, 8.202

Inverse Universe

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



90, 7.210, 354.331



94, 9.116, 354.495



93, 5.398, 215.888



47, 5.478, 354.543



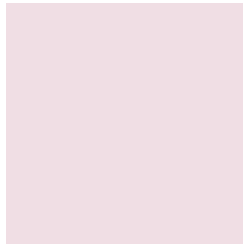
39, 67.525, 18.029



8, 28.756, 8.202

Previews

White Background



This preview shows how the CIELCh color 90, 7.212, 354.321 looks on a white background.

Color Contrast Check

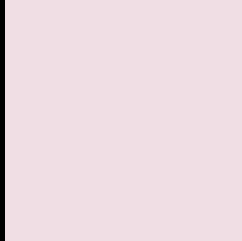
Large Text (above 18pt) WCAG AA × Fail

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, 7.212, 354.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

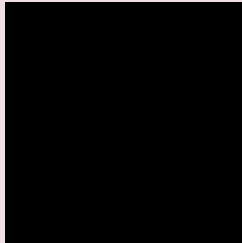
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

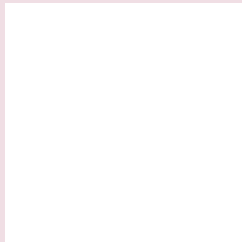
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.212, 354.321

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.212, 354.321.



This preview shows how white text looks on a background with the CIELCh color 90, 7.212, 354.321.

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](#).

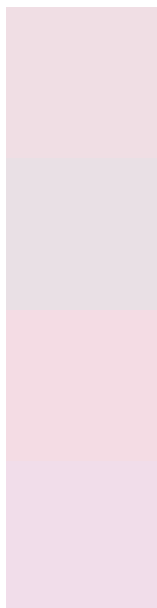
Dichromacy





Tritanopia
90, 12.010, 329.104

Trichromacy



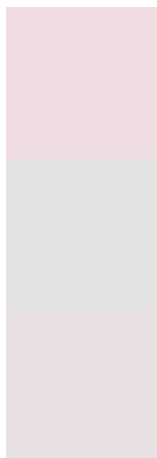
Original Color
90, 7.212, 354.321

Protanomaly
90, 4.162, 340.972

Deuteranomaly
90, 9.628, 354.573

Tritanomaly
90, 9.866, 336.937

Monochromacy



Original Color
90, 7.212, 354.321

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.399, 353.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 7.212, 354.321 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(240, 222, 228)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 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(240, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.212, 354.321 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(240, 222, 228) }
```

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

```
.border{ border-color:rgb(240, 222, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.212, 354.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 228) }
```

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

```
.background{ background-color: rgb(240,  
222, 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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