

Converting Colors

CIELCh(90, 8.688, 355.847)

Have a look what the booklet for
CIELCh(90, 8.688, 355.847) contains.

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Color

CIELCh(90, 8.749, 355.512)

Conversions

Conversions Part 1

Format	Color
Hex	F3DDE4
RGB	243, 221, 228
RGB Percent	95%, 87%, 89%
CMY	0.0474, 0.1336, 0.1062
CMYK	0.00, 0.09, 0.06, 0.05
HSL	341°, 48%, 91%
HSV	341°, 9%, 95%
XYZ	76.7573, 76.3034, 84.0185
YIQ	228.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

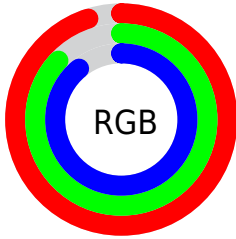
Format	Color
R _Y B	243, 221, 228
Decimal	15982052
CIE Lab	90.00, 8.72, -0.68
CIE LCh	90, 8.749, 355.512
Yxy	76.3034, 0.3238, 0.3218
Android (android.graphics.Color)	4294172132 (0xFFFF3DDE4)
YUV	228.3760, -0.1854, 12.8252
Hunter-Lab	87.3518, 3.9849, 4.1187

Details

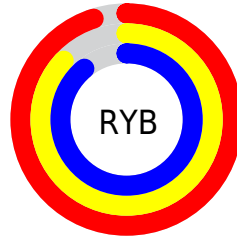
The CIELCh color $90, 8.749, 355.512$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $94, 8.532, 173.946$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $70, 8.876, 354.702$ is the 20% darker color. If you saturate the color by 10%, you get $84, 18.754, 356.637$, and if you desaturate by 10%, it is $96, 0.888, 175.253$.

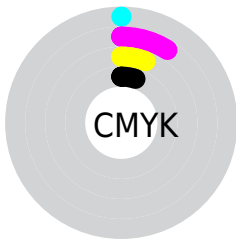
Distribution



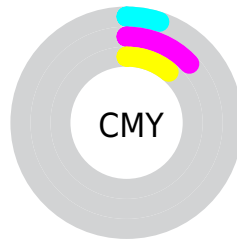
- Red (95%)
- Green (87%)
- Blue (89%)



- Red (95%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.749, 355.512 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, 8.749, 355.512 by changing the saturation by 10% instead.



90, 8.749, 355.512

90, 8.749, 355.512

84, 18.754,
356.637

96, 0.888, 175.253

99, 4.171, 199.300

78, 29.037,
357.910

72, 39.413,
359.417

67, 49.593, 1.247

62, 59.169, 3.518

58, 67.659, 6.387

55, 74.630, 10.032

53, 79.910, 14.602

51, 83.887, 20.021

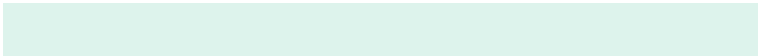
Harmonies

Complementary

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



90, 8.749, 355.512



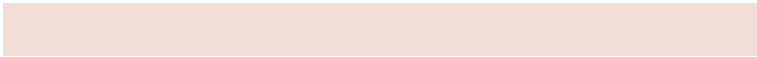
94, 8.532, 173.946

Rectangle

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



90, 8.749, 355.512



90, 8.749, 45.512



90, 8.749, 175.512



90, 8.749, 225.512

Sweetspot

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



90, 8.747, 355.520



98, 2.981, 354.807



90, 12.604, 315.032



52, 2.262, 354.923



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

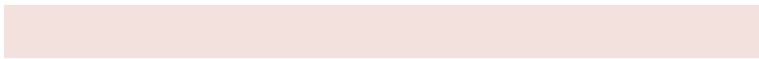
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 8.747, 355.520



93, 11.096, 355.734



91, 6.946, 35.564



48, 5.529, 355.567



39, 68.664, 19.495



9, 29.645, 10.039

Inverse Universe

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



90, 8.747, 355.520



93, 11.096, 355.734



93, 6.556, 215.895



48, 5.529, 355.567



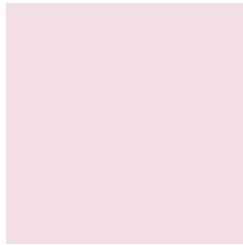
39, 68.664, 19.495



9, 29.645, 10.039

Previews

White Background



This preview shows how the CIELCh color 90, 8.749, 355.512 looks on a white background.

Color Contrast Check

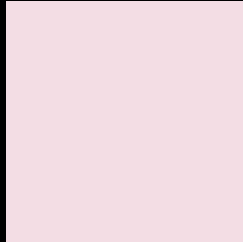
Large Text (above 18pt) WCAG AA × Fail

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, 8.749, 355.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

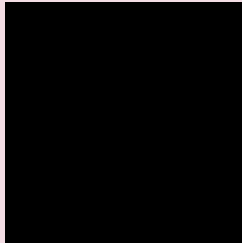
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 8.749, 355.512

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.749, 355.512.

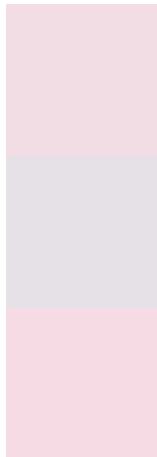


This preview shows how white text looks on a background with the CIELCh color 90, 8.749, 355.512.

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, 8.749, 355.512

Protanopia

90, 2.986, 318.830

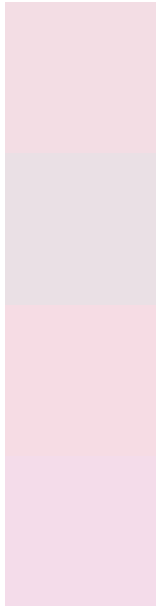
Deuteranopia

90, 11.169, 355.539



Tritanopia
90, 12.329, 334.592

Trichromacy



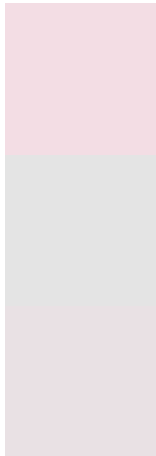
Original Color
90, 8.749, 355.512

Protanomaly
90, 4.447, 343.899

Deuteranomaly
90, 10.292, 356.396

Tritanomaly
90, 11.284, 340.145

Monochromacy



Original Color
90, 8.749, 355.512

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.279, 351.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.749, 355.512 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(243, 221, 228)` looks like.

```
.text, #text, p{  
    color:rgb(243, 221, 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(243, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 221, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.749, 355.512 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(243, 221, 228) }
```

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

```
.border{ border-color:rgb(243, 221, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 221, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(243, 221,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.749, 355.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 221, 228) }
```

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

```
.background{ background-color: rgb(243,  
221, 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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