

Converting Colors

CIELCh(90, 5.439, 29.463)

Have a look what the booklet for
CIELCh(90, 5.439, 29.463) contains.

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Color

CIELCh(90, 5.546, 30.422)

Conversions

Conversions Part 1

Format	Color
Hex	EEDFDD
RGB	238, 223, 221
RGB Percent	93%, 87%, 87%
CMY	0.0660, 0.1248, 0.1327
CMYK	0.00, 0.06, 0.07, 0.07
HSL	7°, 34%, 90%
HSV	7°, 7%, 93%
XYZ	74.8253, 76.3034, 79.3100
YIQ	227.2570, 9.5820, 2.5580

Conversions

Conversions Part 2

Format	Color
R _Y B	238, 223, 221
Decimal	15654877
CIE Lab	90.00, 4.78, 2.81
CIE LCh	90, 5.546, 30.422
Yxy	76.3034, 0.3247, 0.3311
Android (android.graphics.Color)	4293844957 (0xFFEEDFDD)
YUV	227.2570, -3.0847, 9.4216
Hunter-Lab	87.3518, 0.0370, 7.3146

Details

The CIELCh color `90, 5.546, 30.422` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 5.296, 210.477`, 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, 5.491, 31.215` is the 20% darker color. If you saturate the color by 10%, you get `84, 13.880, 30.798`, and if you desaturate by 10%, it is `96, 2.134, 210.701`.

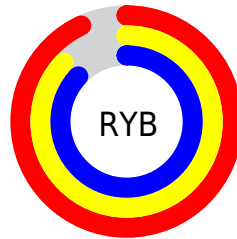
Distribution



Red (93%)

Green (87%)

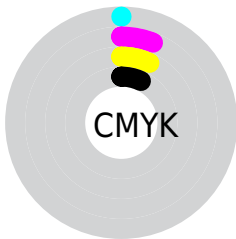
Blue (87%)



Red (93%)

Yellow (87%)

Blue (87%)

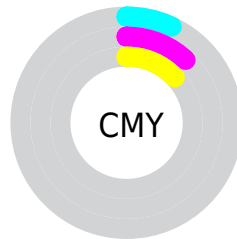


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.546, 30.422 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, 5.546, 30.422 by changing the saturation by 10% instead.



90, 5.546, 30.422

90, 5.546, 30.422

84, 13.880, 30.798

96, 2.134, 210.701

79, 22.920, 31.265

99, 5.781, 199.154

73, 32.687, 31.939

68, 43.157, 32.888

63, 54.231, 34.170

59, 65.697, 35.821

56, 77.145, 37.781

53, 87.706, 39.737

51, 95.574, 40.914

Harmonies

Complementary

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



90, 5.546, 30.422



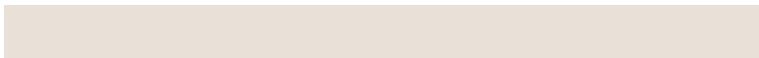
92, 5.296, 210.477

Rectangle

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



90, 5.546, 30.422



90, 5.546, 80.422



90, 5.546, 210.422



90, 5.546, 260.422

Sweetspot

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



90, 5.545, 30.447



99, 1.607, 30.052



90, 9.916, 328.168



53, 0.913, 30.029



0, 0.000, 0.000



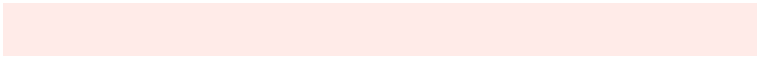
53, 0.007, 296.813

Same Dimension

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



90, 5.545, 30.447



94, 7.447, 30.514



92, 5.880, 85.962



47, 4.480, 30.529



39, 79.803, 41.496



9, 27.475, 30.345

Inverse Universe

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



92, 5.296, 210.477



98, 7.023, 210.440



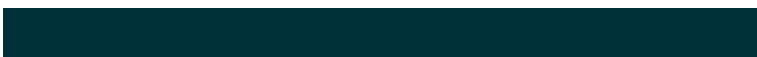
90, 5.862, 267.909



49, 4.212, 210.433



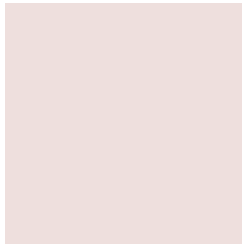
61, 34.465, 217.839



18, 15.207, 214.489

Previews

White Background



This preview shows how the CIELCh color 90, 5.546, 30.422 looks on a white background.

Color Contrast Check

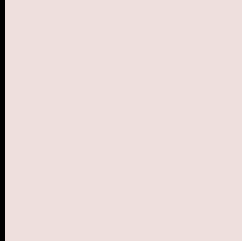
Large Text (above 18pt) WCAG AA × Fail

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, 5.546, 30.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

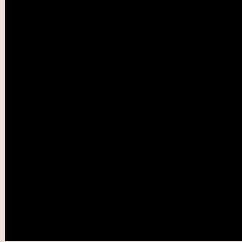
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

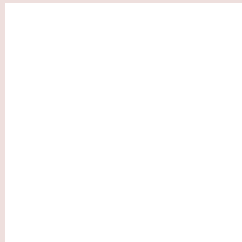
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.546, 30.422

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.546, 30.422.

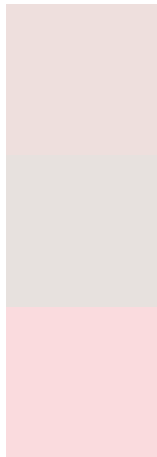


This preview shows how white text looks on a background with the CIELCh color 90, 5.546, 30.422.

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, 5.546, 30.422

Protanopia

90, 2.650, 55.183

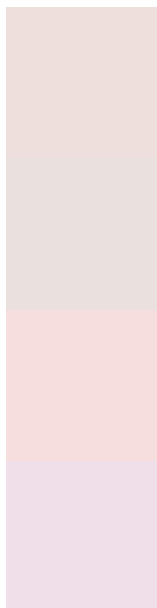
Deuteranopia

90, 11.456, 12.428



Tritanopia
90, 11.378, 329.311

Trichromacy



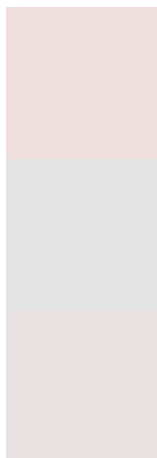
Original Color
90, 5.546, 30.422

Protanomaly
90, 3.755, 35.495

Deuteranomaly
90, 9.146, 16.764

Tritanomaly
90, 8.307, 341.314

Monochromacy



Original Color
90, 5.546, 30.422

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.862, 35.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.546, 30.422 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(238, 223, 221)` looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 221)  
}
```

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(238, 223, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.546, 30.422 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(238, 223, 221) }
```

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

```
.border{ border-color:rgb(238, 223, 221) }
```

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

Here you see how a box with a 4 pixel rgb(238, 223, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.546, 30.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 221) }
```

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

```
.background{ background-color: rgb(238,  
223, 221) }
```

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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