

Converting Colors

CIELCh(90, 5.952, 279.709)

Have a look what the booklet for
CIELCh(90, 5.952, 279.709) contains.

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Color

CIELCh(90, 5.800, 280.262)

Conversions

Conversions Part 1

Format	Color
Hex	DFE2ED
RGB	223, 226, 237
RGB Percent	87%, 89%, 93%
CMY	0.1249, 0.1131, 0.0700
CMYK	0.06, 0.05, 0.00, 0.07
HSL	227°, 28%, 90%
HSV	227°, 6%, 93%
XYZ	73.0172, 76.3034, 91.1104
YIQ	226.3570, -5.3190, 2.7850

Conversions

Conversions Part 2

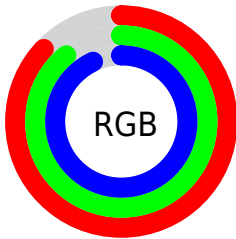
Format	Color
R _Y B	223, 225, 237
Decimal	14672621
CIE Lab	90.00, 1.03, -5.71
CIE LCh	90, 5.800, 280.262
Yxy	76.3034, 0.3037, 0.3174
Android (android.graphics.Color)	4292862701 (0xFFDFE2ED)
YUV	226.3570, 5.2470, -2.9441
Hunter-Lab	87.3518, -3.6578, -0.6949

Details

The CIELCh color `90, 5.800, 280.262` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 5.748, 98.808`, 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, 5.569, 279.374` is the 20% darker color. If you saturate the color by 10%, you get `84, 15.821, 281.565`, and if you desaturate by 10%, it is `96, 3.950, 99.018`.

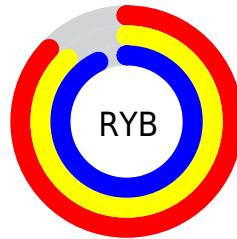
Distribution



Red (87%)

Green (89%)

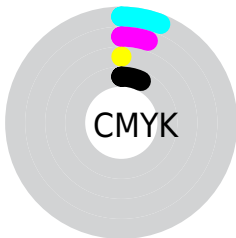
Blue (93%)



Red (87%)

Yellow (88%)

Blue (93%)

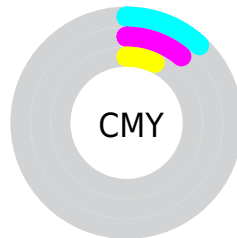


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.800, 280.262 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, 5.800, 280.262 by changing the saturation by 10% instead.

■ 90, 5.800, 280.262

■ 90, 5.800, 280.262

■ 100, 5.800,
280.262

■ 80, 5.800, 280.262

■ 70, 5.800, 280.262

■ 60, 5.800, 280.262

■ 50, 5.800, 280.262

■ 40, 5.800, 280.262

■ 30, 5.800, 280.262

■ 20, 5.800, 280.262

■ 10, 5.800, 280.262

■ 0, 5.800, 280.262

90, 5.800, 280.262

90, 5.800, 280.262

84, 15.821,
281.565

96, 3.950, 99.018

77, 26.139,
283.126

100, 9.038,
109.492

71, 36.778,
284.956

64, 47.771,
287.090

58, 59.151,
289.551

52, 70.922,
292.327

46, 82.990,
295.342

41, 95.032,
298.431

■ 36,106.334,
301.338

Harmonies

Complementary

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



90, 5.800, 280.262



93, 5.748, 98.808

Rectangle

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



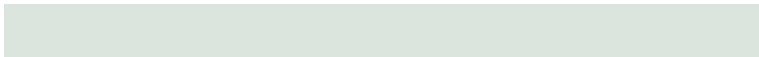
90, 5.800, 280.262



90, 5.800, 330.262



90, 5.800, 100.262



90, 5.800, 150.262

Sweetspot

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



90, 5.798, 280.247



99, 2.079, 279.841



93, 5.178, 181.568



53, 1.182, 279.835



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, 5.798, 280.247



95, 7.300, 280.382



90, 7.446, 301.522



46, 4.433, 280.448



26, 88.934, 301.908



5, 30.444, 293.240

Inverse Universe

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



90, 5.295, 2.588



95, 6.677, 2.714



93, 7.345, 120.835



46, 4.057, 2.774



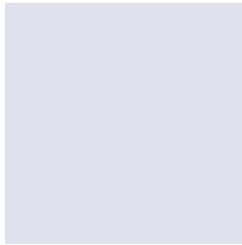
38, 71.136, 28.253



7, 27.882, 13.793

Previews

White Background



This preview shows how the CIELCh color 90, 5.800, 280.262 looks on a white background.

Color Contrast Check

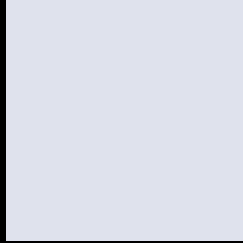
Large Text (above 18pt) WCAG AA × Fail

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, 5.800, 280.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

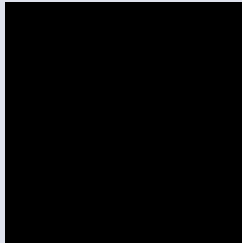
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

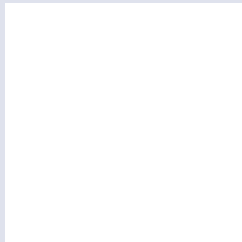
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.800, 280.262

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.800, 280.262.

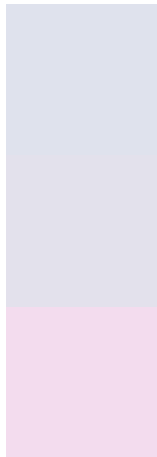


This preview shows how white text looks on a background with the CIELCh color 90, 5.800, 280.262.

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

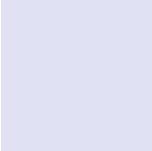
90, 5.800, 280.262

Protanopia

90, 5.779, 297.624

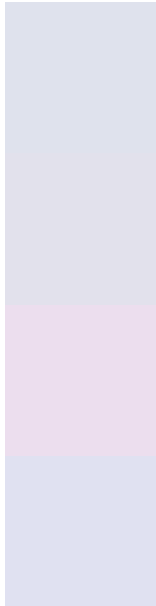
Deuteranopia

90, 12.465, 331.716



Tritanopia
90, 9.365, 288.830

Trichromacy



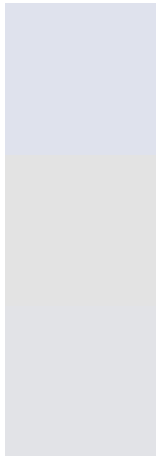
Original Color
90, 5.800, 280.262

Protanomaly
90, 5.742, 294.152

Deuteranomaly
90, 9.729, 321.297

Tritanomaly
90, 8.326, 288.475

Monochromacy



Original Color
90, 5.800, 280.262

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.110, 280.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.800, 280.262 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(223, 226, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 237)  
}
```

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(223, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.800, 280.262 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(223, 226, 237) }
```

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

```
.border{ border-color:rgb(223, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 226,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.800, 280.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 226, 237) }
```

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

```
.background{ background-color: rgb(223,  
226, 237) }
```

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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