

Converting Colors

CIELCh(90, 5.925, 273.338)

Have a look what the booklet for
CIELCh(90, 5.925, 273.338) contains.

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Color

CIELCh(90, 5.947, 273.653)

Conversions

Conversions Part 1

Format	Color
Hex	DEE3EE
RGB	222, 227, 238
RGB Percent	87%, 89%, 93%
CMY	0.1311, 0.1115, 0.0684
CMYK	0.07, 0.05, 0.00, 0.07
HSL	221°, 31%, 90%
HSV	221°, 7%, 93%
XYZ	72.7046, 76.3034, 91.4410
YIQ	226.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

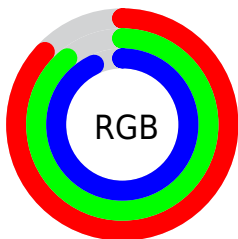
Format	Color
R _Y B	222, 226, 238
Decimal	14607342
CIE Lab	90.00, 0.38, -5.93
CIE LCh	90, 5.947, 273.653
Yxy	76.3034, 0.3024, 0.3173
Android (android.graphics.Color)	4292797422 (0xFFDEE3EE)
YUV	226.7590, 5.5418, -4.1736
Hunter-Lab	87.3518, -4.2965, -0.9193

Details

The CIELCh color `90, 5.947, 273.653` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 5.928, 91.867`, 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, 5.737, 272.217` is the 20% darker color. If you saturate the color by 10%, you get `84, 14.898, 275.059`, and if you desaturate by 10%, it is `96, 2.844, 92.258`.

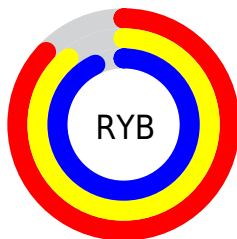
Distribution



Red (87%)

Green (89%)

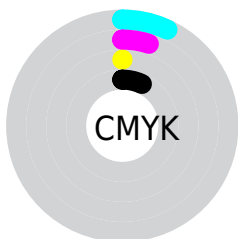
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

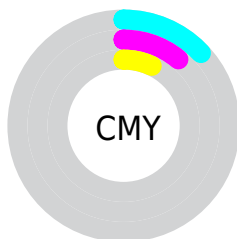


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.947, 273.653 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, 5.947, 273.653 by changing the saturation by 10% instead.

■ 90, 5.947, 273.653

■ 90, 5.947, 273.653

■ 100, 5.947,
273.653

■ 80, 5.947, 273.653

■ 70, 5.947, 273.653

■ 60, 5.947, 273.653

■ 50, 5.947, 273.653

■ 40, 5.947, 273.653

■ 30, 5.947, 273.653

■ 20, 5.947, 273.653

■ 10, 5.947, 273.653

■ 0, 5.947, 273.653

90, 5.947, 273.653

90, 5.947, 273.653

84, 14.898,
275.059

96, 2.844, 92.258

78, 24.021,
276.746

100, 8.831,
109.508

72, 33.324,
278.726

67, 42.831,
281.039

61, 52.575,
283.718

55, 62.596,
286.767

50, 72.910,
290.133

45, 83.446,
293.687

■ 41, 93.947,
297.208

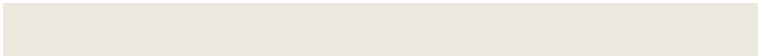
Harmonies

Complementary

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



90, 5.947, 273.653



92, 5.928, 91.867

Rectangle

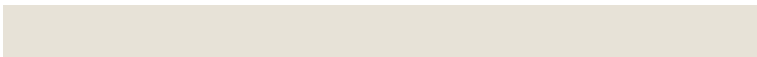
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



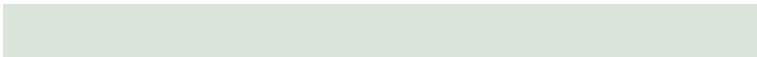
90, 5.947, 273.653



90, 5.947, 323.653



90, 5.947, 93.653



90, 5.947, 143.653

Sweetspot

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



90, 5.945, 273.637



99, 1.870, 273.128



93, 6.233, 174.283



53, 1.063, 273.123



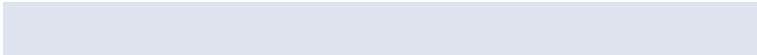
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 5.945, 273.637



95, 7.490, 273.805



89, 8.421, 297.838



47, 5.065, 274.000



30, 78.876, 297.693



6, 28.957, 290.976

Inverse Universe

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



90, 6.340, 355.631



95, 8.000, 355.773



93, 8.287, 116.882



47, 5.420, 355.930



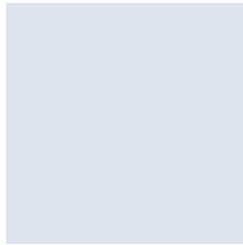
39, 68.102, 19.925



8, 28.767, 9.515

Previews

White Background



This preview shows how the CIELCh color 90, 5.947, 273.653 looks on a white background.

Color Contrast Check

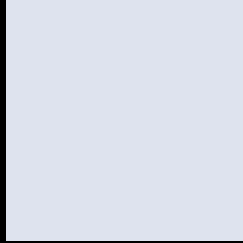
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 5.947, 273.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

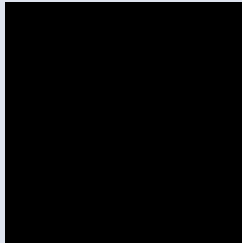
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

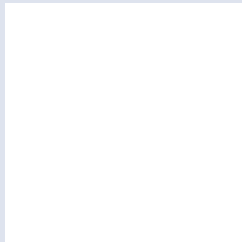
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.947, 273.653

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.947, 273.653.

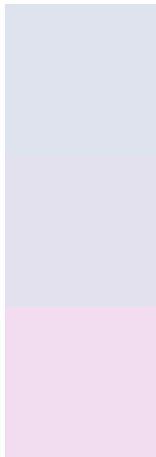


This preview shows how white text looks on a background with the CIELCh color 90, 5.947, 273.653.

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

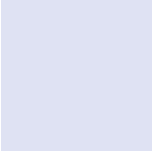
90, 5.947, 273.653

Protanopia

90, 6.295, 297.079

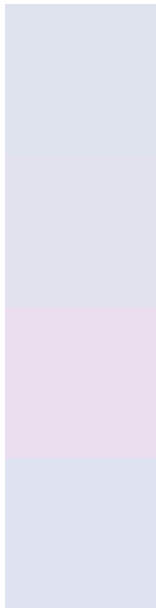
Deuteranopia

90, 12.632, 328.917



Tritanopia
90, 8.880, 284.210

Trichromacy



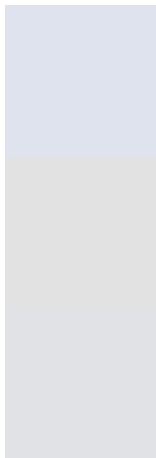
Original Color
90, 5.947, 273.653

Protanomaly
90, 5.727, 287.155

Deuteranomaly
90, 9.552, 319.459

Tritanomaly
90, 7.897, 280.732

Monochromacy



Original Color
90, 5.947, 273.653

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.193, 271.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.947, 273.653 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(222, 227, 238)` looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 238)  
}
```

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(222, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.947, 273.653 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(222, 227, 238) }
```

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

```
.border{ border-color:rgb(222, 227, 238) }
```

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

Here you see how a box with a 4 pixel rgb(222, 227, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(222, 227,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.947, 273.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 238) }
```

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

```
.background{ background-color: rgb(222,  
227, 238) }
```

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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