

Converting Colors

CIELCh(90, 4.695, 241.115)

Have a look what the booklet for
CIELCh(90, 4.695, 241.115) contains.

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Color

CIELCh(90, 4.638, 241.653)

Conversions

Conversions Part 1

Format	Color
Hex	DAE4EA
RGB	218, 228, 234
RGB Percent	85%, 89%, 92%
CMY	0.1452, 0.1060, 0.0825
CMYK	0.07, 0.03, 0.00, 0.08
HSL	202°, 28%, 89%
HSV	202°, 7%, 92%
XYZ	71.4804, 76.3034, 88.7734
YIQ	225.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

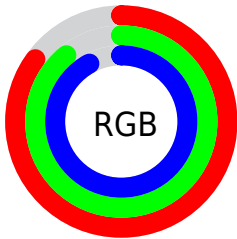
Format	Color
R _Y B	218, 224, 234
Decimal	14345450
CIE Lab	90.00, -2.20, -4.08
CIE LCh	90, 4.638, 241.653
Yxy	76.3034, 0.3022, 0.3226
Android (android.graphics.Color)	4292535530 (0xFFDAE4EA)
YUV	225.6940, 4.0949, -6.7476
Hunter-Lab	87.3518, -6.7981, 0.8913

Details

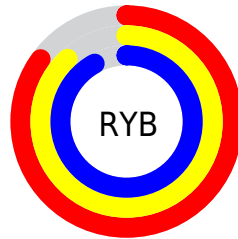
The CIELCh color `90, 4.638, 241.653` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 4.771, 60.069`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 4.527, 236.525` is the 20% darker color. If you saturate the color by 10%, you get `86, 11.232, 242.766`, and if you desaturate by 10%, it is `94, 2.163, 60.287`.

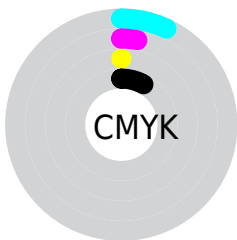
Distribution



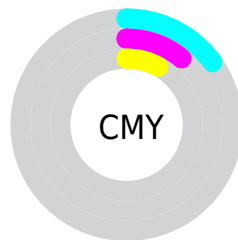
- Red (85%)
- Green (89%)
- Blue (92%)



- Red (85%)
- Yellow (88%)
- Blue (92%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 4.638, 241.653 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, 4.638, 241.653 by changing the saturation by 10% instead.

■ 90, 4.638, 241.653

■ 90, 4.638, 241.653

■ 100, 4.638,
241.653

■ 80, 4.638, 241.653

■ 70, 4.638, 241.653

■ 60, 4.638, 241.653

■ 50, 4.638, 241.653

■ 40, 4.638, 241.653

■ 30, 4.638, 241.653

■ 20, 4.638, 241.653

■ 10, 4.638, 241.653

■ 0, 4.638, 241.653

90, 4.638, 241.653

90, 4.638, 241.653

86, 11.232,
242.766

94, 2.163, 60.287

82, 17.563,
244.232

97, 6.783, 79.389

79, 23.571,
246.049

99, 10.286,
107.936

75, 29.198,
248.290

100, 10.649,
109.372

72, 34.407,
251.037

68, 39.190,
254.366

65, 43.593,
258.326

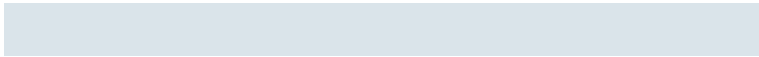
62, 47.726,
262.902

■ 59, 51.768,
267.963

Harmonies

Complementary

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



90, 4.638, 241.653



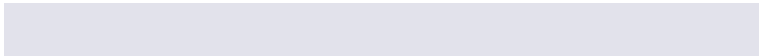
90, 4.771, 60.069

Rectangle

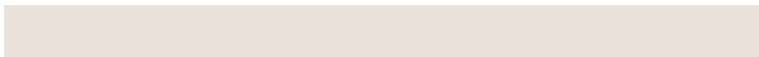
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



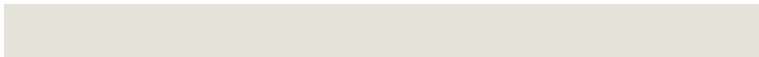
90, 4.638, 241.653



90, 4.638, 291.653



90, 4.638, 61.653



90, 4.638, 111.653

Sweetspot

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



90, 4.638, 241.625



99, 1.469, 241.390



91, 7.786, 156.660



53, 0.835, 241.400



0, 0.000, 0.000



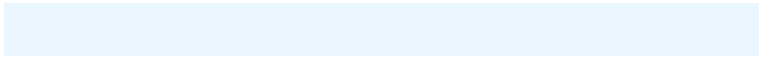
53, 0.007, 296.813

Same Dimension

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



90, 4.638, 241.625



97, 5.806, 241.741



88, 7.272, 284.914



47, 3.845, 241.889



46, 43.281, 268.631



12, 16.746, 259.672

Inverse Universe

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



89, 7.788, 337.926



95, 9.780, 338.024



92, 7.180, 103.380



46, 6.499, 338.139



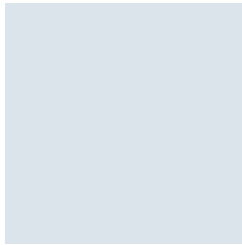
40, 68.405, 350.715



8, 30.197, 346.351

Previews

White Background



This preview shows how the CIELCh color 90, 4.638, 241.653 looks on a white background.

Color Contrast Check

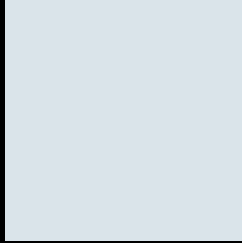
Large Text (above 18pt) WCAG AA × Fail

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, 4.638, 241.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

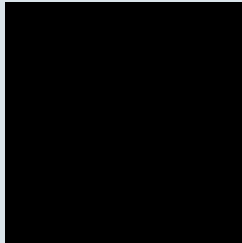
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

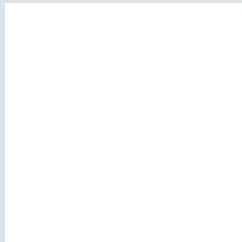
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 4.638, 241.653

Background



This preview shows how black text looks on a background with the CIELCh color 90, 4.638, 241.653.

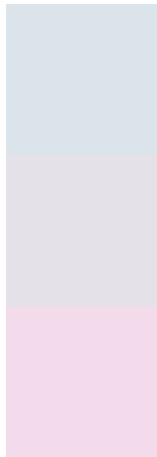


This preview shows how white text looks on a background with the CIELCh color 90, 4.638, 241.653.

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

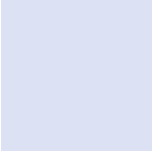
90, 4.638, 241.653

Protanopia

90, 3.812, 306.650

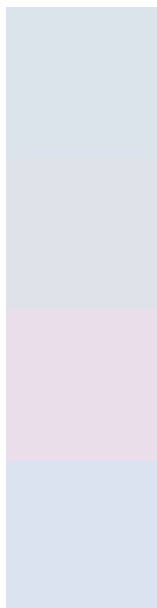
Deuteranopia

90, 12.590, 335.795



Tritanopia
90, 9.544, 278.487

Trichromacy



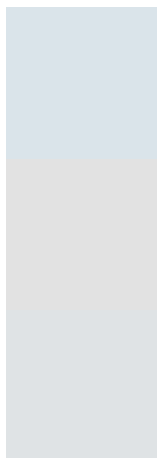
Original Color
90, 4.638, 241.653

Protanomaly
90, 3.701, 279.538

Deuteranomaly
90, 8.228, 324.711

Tritanomaly
90, 7.251, 268.336

Monochromacy



Original Color
90, 4.638, 241.653

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.747, 236.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 4.638, 241.653 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(218, 228, 234)` looks like.

```
.text, #text, p{  
    color:rgb(218, 228, 234)  
}
```

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(218, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 228, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 4.638, 241.653 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(218, 228, 234) }
```

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

```
.border{ border-color:rgb(218, 228, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 228, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(218, 228,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 4.638, 241.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 228, 234) }
```

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

```
.background{ background-color: rgb(218,  
228, 234) }
```

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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