

Converting Colors

CIELCh(90, 7.179, 273.952)

Have a look what the booklet for
CIELCh(90, 7.179, 273.952) contains.

CIELCh(90, 7.032, 273.558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(90, 7.032, 273.558)

Conversions

Conversions Part 1

Format	Color
Hex	DDE3F0
RGB	221, 227, 240
RGB Percent	87%, 89%, 94%
CMY	0.1349, 0.1113, 0.0604
CMYK	0.08, 0.05, 0.00, 0.06
HSL	221°, 38%, 90%
HSV	221°, 8%, 94%
XYZ	72.7321, 76.3034, 93.0253
YIQ	226.6880, -7.7490, 2.7710

Conversions

Conversions Part 2

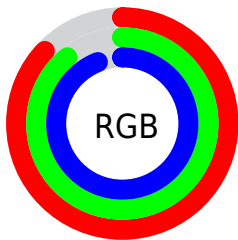
Format	Color
R_{YB}	221, 226, 240
Decimal	14541808
CIE _{Lab}	90.00, 0.44, -7.02
CIE _{LCh}	90, 7.032, 273.558
Yxy	76.3034, 0.3005, 0.3152
Android (android.graphics.Color)	4292731888 (0xFFDDE3F0)
YUV	226.6880, 6.5628, -4.9884
Hunter-Lab	87.3518, -4.2405, -1.9947

Details

The CIELCh color `90, 7.032, 273.558` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 7.015, 91.472`, 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, 6.877, 272.424` is the 20% darker color. If you saturate the color by 10%, you get `84, 16.031, 275.003`, and if you desaturate by 10%, it is `96, 1.809, 92.092`.

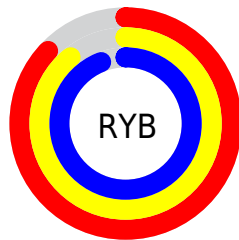
Distribution



Red (87%)

Green (89%)

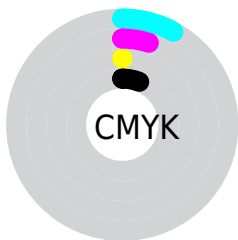
Blue (94%)



Red (87%)

Yellow (89%)

Blue (94%)

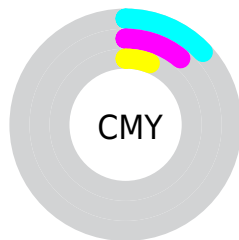


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.032, 273.558 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, 7.032, 273.558 by changing the saturation by 10% instead.

■ 90, 7.032, 273.558

■ 90, 7.032, 273.558

■ 100, 7.032,
273.558

■ 80, 7.032, 273.558

■ 70, 7.032, 273.558

■ 60, 7.032, 273.558

■ 50, 7.032, 273.558

■ 40, 7.032, 273.558

■ 30, 7.032, 273.558

■ 20, 7.032, 273.558

■ 10, 7.032, 273.558

■ 0, 7.032, 273.558

90, 7.032, 273.558

90, 7.032, 273.558

84, 16.031,
275.003

96, 1.809, 92.092

78, 25.198,
276.727

100, 7.792,
109.585

72, 34.546,
278.750

67, 44.096,
281.113

61, 53.884,
283.846

55, 63.950,
286.947

50, 74.307,
290.358

45, 84.874,
293.939

■ 41, 95.375,
297.451

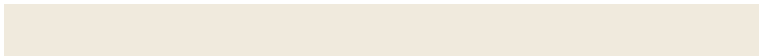
Harmonies

Complementary

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



90, 7.032, 273.558



93, 7.015, 91.472

Rectangle

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



90, 7.032, 273.558



90, 7.032, 323.558



90, 7.032, 93.558



90, 7.032, 143.558

Sweetspot

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



90, 7.030, 273.544



99, 1.864, 272.880



93, 7.386, 174.157



53, 1.060, 272.875



0, 0.000, 0.000



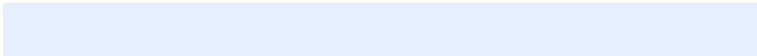
53, 0.007, 296.813

Same Dimension

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



90, 7.030, 273.544



94, 9.343, 273.829



89, 10.006, 297.930



47, 5.047, 273.753



31, 78.486, 297.523



6, 28.836, 290.823

Inverse Universe

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



90, 7.548, 355.540



93, 10.057, 355.767



94, 9.826, 116.797



47, 5.429, 355.707



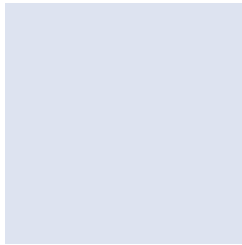
39, 68.005, 19.626



8, 28.764, 9.310

Previews

White Background



This preview shows how the CIELCh color 90, 7.032, 273.558 looks on a white background.

Color Contrast Check

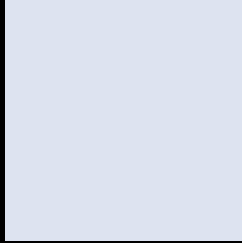
Large Text (above 18pt) WCAG AA × Fail

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, 7.032, 273.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

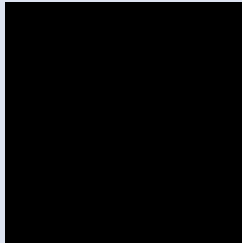
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

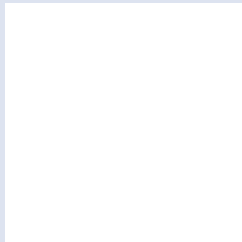
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.032, 273.558

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.032, 273.558.



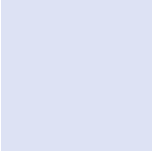
This preview shows how white text looks on a background with the CIELCh color 90, 7.032, 273.558.

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](#).

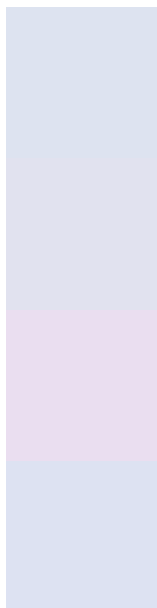
Dichromacy





Tritanopia
90, 9.483, 280.509

Trichromacy



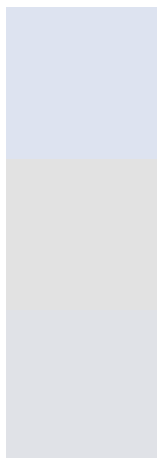
Original Color
90, 7.032, 273.558

Protanomaly
90, 6.764, 287.784

Deuteranomaly
90, 10.322, 314.962

Tritanomaly
90, 8.465, 279.111

Monochromacy



Original Color
90, 7.032, 273.558

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.690, 275.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 7.032, 273.558 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(221, 227, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 240)  
}
```

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(221, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.032, 273.558 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(221, 227, 240) }
```

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

```
.border{ border-color:rgb(221, 227, 240) }
```

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

Here you see how a box with a 4 pixel rgb(221, 227, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.032, 273.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 240) }
```

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

```
.background{ background-color: rgb(221,  
227, 240) }
```

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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