

Converting Colors

CIELCh(90, 9.535, 267.676)

Have a look what the booklet for
CIELCh(90, 9.535, 267.676) contains.

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Color

CIELCh(90, 9.528, 267.670)

Conversions

Conversions Part 1

Format	Color
Hex	D8E3F4
RGB	216, 227, 244
RGB Percent	85%, 89%, 96%
CMY	0.1517, 0.1086, 0.0419
CMYK	0.11, 0.07, 0.00, 0.04
HSL	216°, 57%, 90%
HSV	216°, 11%, 96%
XYZ	72.3397, 76.3034, 96.7529
YIQ	225.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

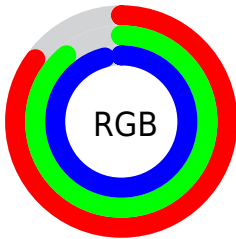
Format	Color
R _Y B	216, 224, 244
Decimal	14214132
CIE Lab	90.00, -0.39, -9.52
CIE LCh	90, 9.528, 267.670
Yxy	76.3034, 0.2948, 0.3109
Android (android.graphics.Color)	4292404212 (0xFFD8E3F4)
YUV	225.6490, 9.0470, -8.4622
Hunter-Lab	87.3518, -5.0422, -4.5247

Details

The CIELCh color `90, 9.528, 267.670` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 9.620, 84.561`, 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, 9.510, 266.746` is the 20% darker color. If you saturate the color by 10%, you get `85, 17.899, 269.263`, and if you desaturate by 10%, it is `95, 1.219, 266.513`.

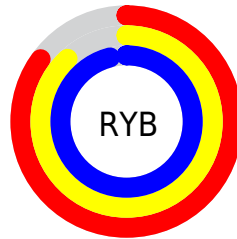
Distribution



Red (85%)

Green (89%)

Blue (96%)



Red (85%)

Yellow (88%)

Blue (96%)

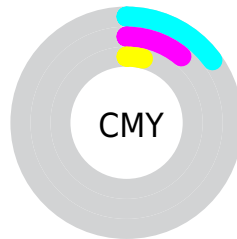


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (15%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.528, 267.670 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, 9.528, 267.670 by changing the saturation by 10% instead.

■ 90, 9.528, 267.670

■ 90, 9.528, 267.670

■ 100, 9.528,
267.670

■ 80, 9.528, 267.670

■ 70, 9.528, 267.670

■ 60, 9.528, 267.670

■ 50, 9.528, 267.670

■ 40, 9.528, 267.670

■ 30, 9.528, 267.670

■ 20, 9.528, 267.670

■ 10, 9.528, 267.670

■ 0, 9.528, 267.670

90, 9.528, 267.670

90, 9.528, 267.670

85, 17.899,
269.263

95, 1.219, 266.513

79, 26.329,
271.161

100, 5.407,
109.760

74, 34.819,
273.396

68, 43.382,
276.015

63, 52.054,
279.050

58, 60.888,
282.497

53, 69.942,
286.292

49, 79.228,
290.284

■ 46, 87.281,
293.621

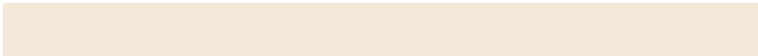
Harmonies

Complementary

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



90, 9.528, 267.670



93, 9.620, 84.561

Rectangle

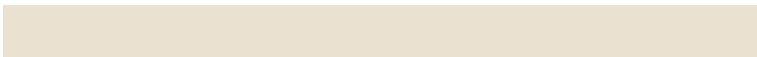
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



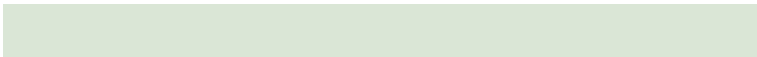
90, 9.528, 267.670



90, 9.528, 317.670



90, 9.528, 87.670



90, 9.528, 137.670

Sweetspot

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



90, 9.527, 267.660



98, 2.579, 266.574



94, 11.433, 168.418



52, 1.954, 266.652



0, 0.000, 0.000



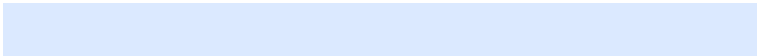
53, 0.007, 296.813

Same Dimension

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



90, 9.527, 267.660



92, 12.056, 268.045



87, 14.714, 295.119



48, 4.728, 267.376



35, 69.895, 292.928



8, 26.746, 286.617

Inverse Universe

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



89, 11.648, 350.874



91, 14.787, 351.143



95, 14.334, 113.171



48, 5.766, 350.671



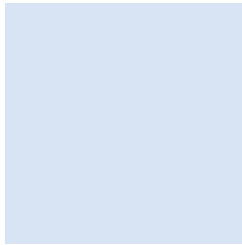
39, 67.040, 12.384



9, 29.650, 4.552

Previews

White Background



This preview shows how the CIELCh color 90, 9.528, 267.670 looks on a white background.

Color Contrast Check

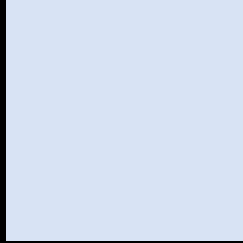
Large Text (above 18pt) WCAG AA × Fail

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, 9.528, 267.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

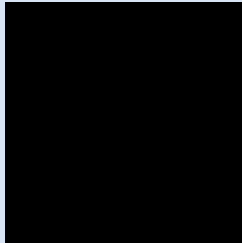
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

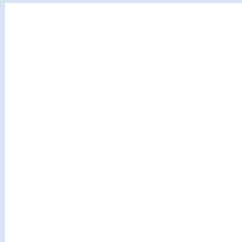
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.528, 267.670

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.528, 267.670.



This preview shows how white text looks on a background with the CIELCh color 90, 9.528, 267.670.

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, 9.528, 267.670

Protanopia

90, 9.364, 290.941

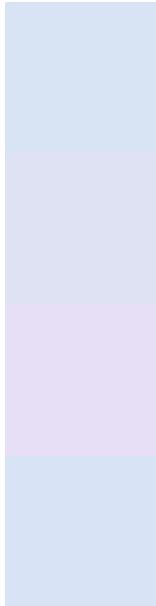
Deuteranopia

90, 15.136, 317.136



Tritanopia
90, 10.004, 268.921

Trichromacy



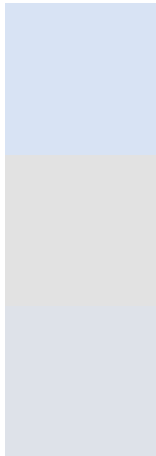
Original Color
90, 9.528, 267.670

Protanomaly
90, 8.921, 282.015

Deuteranomaly
90, 11.822, 304.646

Tritanomaly
90, 10.004, 268.921

Monochromacy



Original Color
90, 9.528, 267.670

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.884, 269.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.528, 267.670 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(216, 227, 244)` looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 244)  
}
```

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(216, 227, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.528, 267.670 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(216, 227, 244) }
```

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

```
.border{ border-color:rgb(216, 227, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 227, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(216, 227,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.528, 267.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 244) }
```

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

```
.background{ background-color: rgb(216,  
227, 244) }
```

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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