

Converting Colors

CIELCh(90, 8.243, 219.274)

Have a look what the booklet for
CIELCh(90, 8.243, 219.274) contains.

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Color

CIELCh(90, 8.116, 221.665)

Conversions

Conversions Part 1

Format	Color
Hex	D0E6EC
RGB	208, 230, 236
RGB Percent	82%, 90%, 93%
CMY	0.1831, 0.0968, 0.0732
CMYK	0.12, 0.03, 0.00, 0.07
HSL	193°, 43%, 87%
HSV	193°, 12%, 93%
XYZ	69.6750, 76.3034, 90.6588
YIQ	224.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

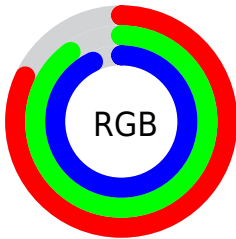
Format	Color
R _Y B	208, 220, 236
Decimal	13690604
CIE Lab	90.00, -6.06, -5.40
CIE LCh	90, 8.116, 221.665
Yxy	76.3034, 0.2944, 0.3224
Android (android.graphics.Color)	4291880684 (0xFFD0E6EC)
YUV	224.1060, 5.8637, -14.1250
Hunter-Lab	87.3518, -10.4874, -0.3884

Details

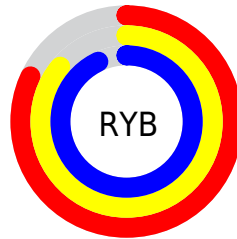
The CIELCh color `90, 8.116, 221.665` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 8.743, 40.772`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 8.289, 218.205` is the 20% darker color. If you saturate the color by 10%, you get `87, 14.540, 222.174`, and if you desaturate by 10%, it is `93, 1.300, 221.656`.

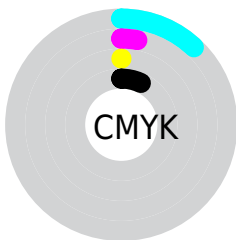
Distribution



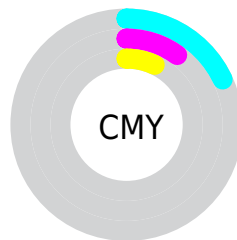
- Red (82%)
- Green (90%)
- Blue (93%)



- Red (82%)
- Yellow (86%)
- Blue (93%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.116, 221.665 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, 8.116, 221.665 by changing the saturation by 10% instead.

90, 8.116, 221.665

90, 8.116, 221.665

100, 8.116,
221.665

80, 8.116, 221.665

70, 8.116, 221.665

60, 8.116, 221.665

50, 8.116, 221.665

40, 8.116, 221.665

30, 8.116, 221.665

20, 8.116, 221.665

10, 8.116, 221.665

0, 8.116, 221.665

90, 8.116, 221.665

90, 8.116, 221.665

87, 14.540,
222.174

93, 1.300, 221.656

84, 20.472,
222.935

96, 5.623, 41.591

82, 25.806,
223.974

97, 5.768, 73.565

79, 30.443,
225.360

98, 7.393, 97.194

100, 9.454,
109.461

77, 34.298,
227.173

75, 37.325,
229.501

73, 39.539,
232.431

72, 41.039,
236.024

■ 70, 41.922,
239.367

Harmonies

Complementary

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



90, 8.116, 221.665



87, 8.743, 40.772

Rectangle

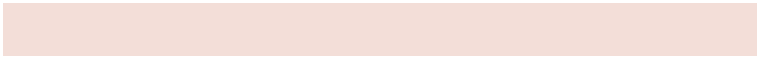
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 8.116, 221.665



90, 8.116, 271.665



90, 8.116, 41.665



90, 8.116, 91.665

Sweetspot

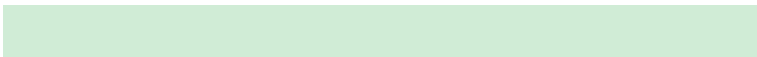
The Sweet Spot groups the original color and five complimentary colors.



90, 8.116, 221.650



99, 2.971, 221.476



91, 15.420, 149.761



52, 2.108, 221.469



0, 0.000, 0.000



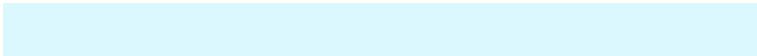
53, 0.007, 296.813

Same Dimension

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



90, 8.116, 221.650



96, 10.138, 221.746



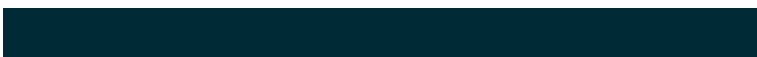
87, 10.614, 275.279



48, 3.891, 221.562



55, 34.250, 238.577



15, 14.453, 231.762

Inverse Universe

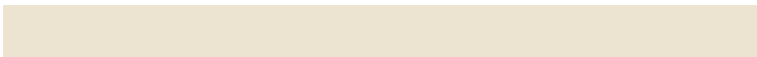
The Inverse Universe completely reimagines the original color for something new.



86, 15.316, 331.759



91, 19.269, 331.907



91, 10.582, 92.218



46, 7.287, 331.598



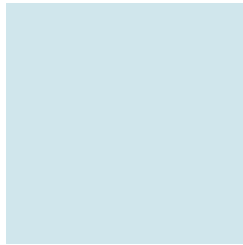
41, 75.746, 339.012



8, 33.198, 337.115

Previews

White Background



This preview shows how the CIELCh color 90, 8.116, 221.665 looks on a white background.

Color Contrast Check

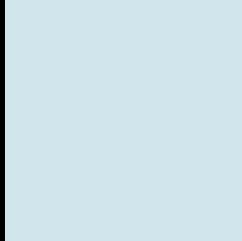
Large Text (above 18pt) WCAG AA × Fail

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, 8.116, 221.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

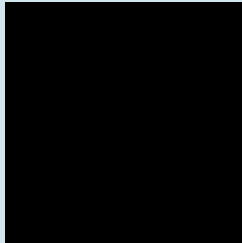
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

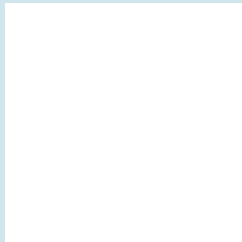
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.116, 221.665

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.116, 221.665.



This preview shows how white text looks on a background with the CIELCh color 90, 8.116, 221.665.

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](#).

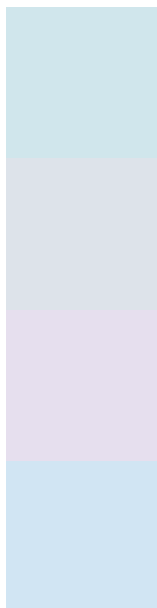
Dichromacy





Tritanopia
90, 11.201, 256.021

Trichromacy



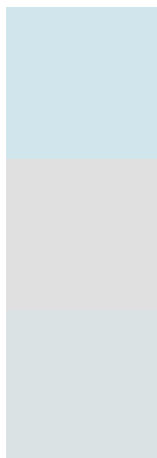
Original Color
90, 8.116, 221.665

Protanomaly
90, 4.173, 260.275

Deuteranomaly
90, 8.221, 308.170

Tritanomaly
90, 9.829, 247.050

Monochromacy



Original Color
90, 8.116, 221.665

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.993, 219.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.116, 221.665 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(208, 230, 236)` looks like.

```
.text, #text, p{  
    color:rgb(208, 230, 236)  
}
```

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(208, 230, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.116, 221.665 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(208, 230, 236) }
```

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

```
.border{ border-color:rgb(208, 230, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 230, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 236);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.116, 221.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 236) }
```

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

```
.background{ background-color: rgb(208,  
230, 236) }
```

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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