

Converting Colors

CIELCh(90, 8.776, 192.052)

Have a look what the booklet for
CIELCh(90, 8.776, 192.052) contains.

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Color

CIELCh(90, 8.776, 192.052)

Conversions

Conversions Part 1

Format	Color
Hex	CEE7E5
RGB	206, 231, 229
RGB Percent	81%, 91%, 90%
CMY	0.1903, 0.0922, 0.1000
CMYK	0.11, 0.00, 0.01, 0.09
HSL	175°, 35%, 86%
HSV	175°, 11%, 91%
XYZ	68.5134, 76.3034, 85.6056
YIQ	223.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

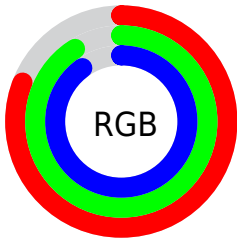
Format	Color
R _Y B	206, 219, 231
Decimal	13559781
CIE Lab	90.00, -8.58, -1.83
CIE LCh	90, 8.776, 192.052
Yxy	76.3034, 0.2973, 0.3311
Android (android.graphics.Color)	4291749861 (0xFFCEE7E5)
YUV	223.2970, 2.8116, -15.1695
Hunter-Lab	87.3518, -12.8612, 3.0415

Details

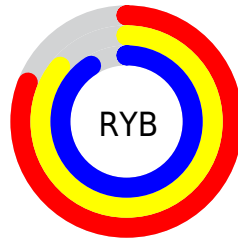
The CIELCh color `90, 8.776, 192.052` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `85, 9.306, 13.592`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 8.395, 195.004` is the 20% darker color. If you saturate the color by 10%, you get `89, 16.495, 191.272`, and if you desaturate by 10%, it is `92, 0.664, 193.617`.

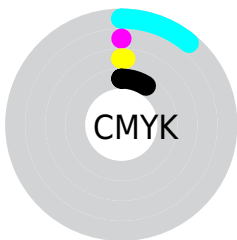
Distribution



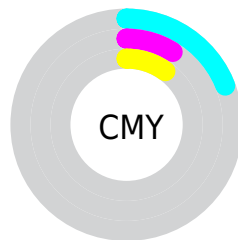
- Red (81%)
- Green (91%)
- Blue (90%)



- Red (81%)
- Yellow (86%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.776, 192.052 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, 8.776, 192.052 by changing the saturation by 10% instead.

■ 90, 8.776, 192.052

■ 90, 8.776, 192.052

■ 100, 8.776,
192.052

■ 80, 8.776, 192.052

■ 70, 8.776, 192.052

■ 60, 8.776, 192.052

■ 50, 8.776, 192.052

■ 40, 8.776, 192.052

■ 30, 8.776, 192.052

■ 20, 8.776, 192.052

■ 10, 8.776, 192.052

■ 0, 8.776, 192.052

90, 8.776, 192.052

90, 8.776, 192.052

89, 16.495,
191.272

92, 0.664, 193.617

87, 23.682,
190.521

94, 7.727, 13.365

86, 30.201,
189.770

94, 8.664, 7.781

85, 35.917,
189.009

94, 9.224, 356.133

84, 40.716,
188.229

94, 9.636, 350.933

84, 44.520,
187.416

94, 10.122,
346.203

83, 47.308,
186.552

94, 10.674,
341.941

83, 49.126,
185.623

94, 11.279,
338.125

■ 83, 50.127,
184.710

Harmonies

Complementary

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



90, 8.776, 192.052



85, 9.306, 13.592

Rectangle

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



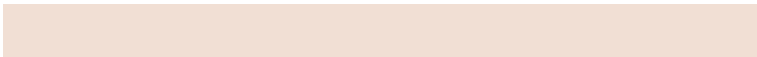
90, 8.776, 192.052



90, 8.776, 242.052



90, 8.776, 12.052



90, 8.776, 62.052

Sweetspot

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



90, 8.777, 192.041



99, 2.674, 192.789



90, 15.477, 141.619



53, 2.025, 192.678



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, 8.777, 192.041



98, 11.366, 191.863



87, 7.346, 247.235



47, 4.595, 192.151



66, 41.206, 184.891



18, 17.071, 186.554

Inverse Universe

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



85, 9.306, 13.592



91, 12.205, 13.814



88, 7.653, 64.685



45, 4.835, 13.461



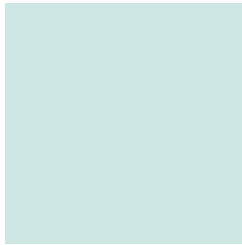
37, 76.656, 36.699



6, 26.866, 18.444

Previews

White Background



This preview shows how the CIELCh color 90, 8.776, 192.052 looks on a white background.

Color Contrast Check

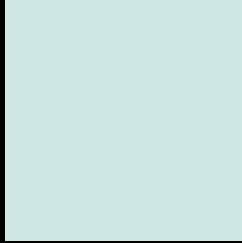
Large Text (above 18pt) WCAG AA × Fail

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, 8.776, 192.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

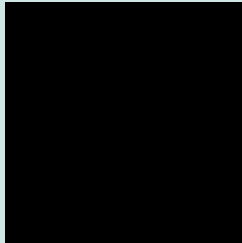
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

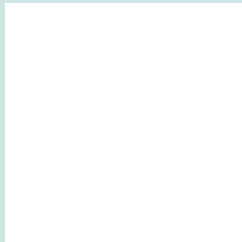
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.776, 192.052

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.776, 192.052.

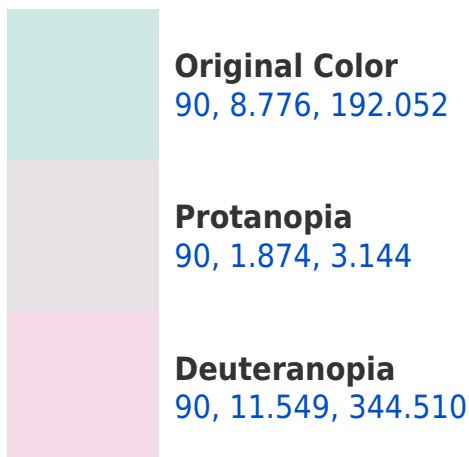


This preview shows how white text looks on a background with the CIELCh color 90, 8.776, 192.052.

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](#).

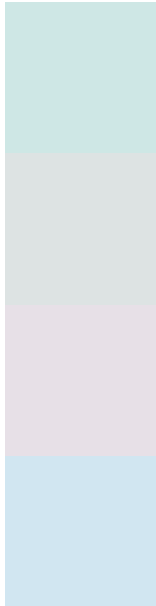
Dichromacy





Tritanopia
90, 11.201, 256.021

Trichromacy



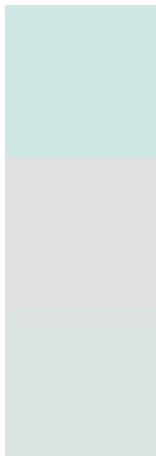
Original Color
90, 8.776, 192.052

Protanomaly
90, 2.126, 199.543

Deuteranomaly
90, 4.440, 324.544

Tritanomaly
90, 9.051, 238.348

Monochromacy



Original Color
90, 8.776, 192.052

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 3.235, 190.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.776, 192.052 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(206, 231, 229)` looks like.

```
.text, #text, p{  
    color:rgb(206, 231, 229)  
}
```

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(206, 231, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 231, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.776, 192.052 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(206, 231, 229) }
```

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

```
.border{ border-color:rgb(206, 231, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 231, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 231, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 231, 229);  
box-shadow:4px 4px 4px 4px rgb(206, 231,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.776, 192.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 231, 229) }
```

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

```
.background{ background-color: rgb(206,  
231, 229) }
```

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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