

Converting Colors

CIELCh(90, 8.017, 183.881)

Have a look what the booklet for
CIELCh(90, 8.017, 183.881) contains.

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Color

CIELCh(90, 8.017, 183.881)

Conversions

Conversions Part 1

Format	Color
Hex	D1E7E3
RGB	209, 231, 227
RGB Percent	82%, 91%, 89%
CMY	0.1801, 0.0938, 0.1095
CMYK	0.10, 0.00, 0.02, 0.09
HSL	169°, 31%, 86%
HSV	169°, 10%, 91%
XYZ	68.7814, 76.3034, 83.8236
YIQ	223.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

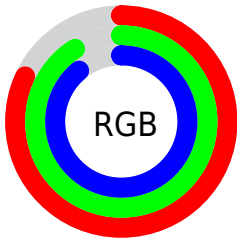
Format	Color
R_{YB}	209, 221, 231
Decimal	13756387
CIE _{Lab}	90.00, -8.00, -0.54
CIE _{LCh}	90, 8.017, 183.881
Yxy	76.3034, 0.3005, 0.3333
Android (android.graphics.Color)	4291946467 (0xFFD1E7E3)
YUV	223.9660, 1.4958, -13.1252
Hunter-Lab	87.3518, -12.3134, 4.2510

Details

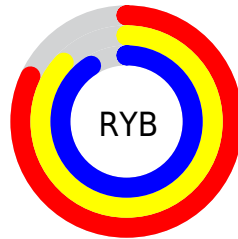
The CIELCh color **90, 8.017, 183.881** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 8.344, 5.455**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 7.905, 186.773** is the 20% darker color. If you saturate the color by 10%, you get **88, 16.166, 182.919**, and if you desaturate by 10%, it is **92, 0.411, 3.278**.

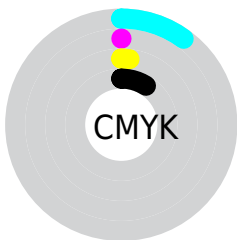
Distribution



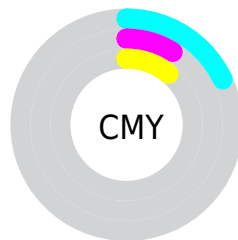
- Red (82%)
- Green (91%)
- Blue (89%)



- Red (82%)
- Yellow (87%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)




- Cyan (18%)
- Magenta (9%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.017, 183.881 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, 8.017, 183.881 by changing the saturation by 10% instead.

 90, 8.017, 183.881

 90, 8.017, 183.881

 100, 8.017,
183.881

 80, 8.017, 183.881

 70, 8.017, 183.881

 60, 8.017, 183.881

 50, 8.017, 183.881

 40, 8.017, 183.881

 30, 8.017, 183.881

 20, 8.017, 183.881

 10, 8.017, 183.881

 0, 8.017, 183.881

90, 8.017, 183.881

90, 8.017, 183.881

88, 16.166,
182.919

92, 0.411, 3.278

87, 23.901,
181.944

94, 8.910, 5.283

86, 31.081,
180.917

94, 9.652, 352.779

85, 37.563,
179.817

94, 10.789,
342.509

84, 43.215,
178.625

94, 12.211,
334.445


83, 47.938,
177.318

94, 13.830,
328.199

83, 51.685,
175.872

94, 14.947,
324.940

83, 54.480,
174.268

 82, 56.496,
172.521

Harmonies

Complementary

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



90, 8.017, 183.881



86, 8.344, 5.455

Rectangle

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



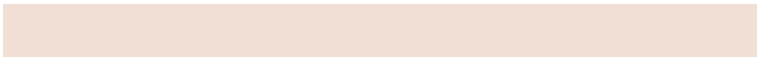
90, 8.017, 183.881



90, 8.017, 233.881



90, 8.017, 3.881



90, 8.017, 53.881

Sweetspot

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



90, 8.019, 183.871



99, 2.756, 184.598



90, 13.189, 138.876



53, 2.088, 184.481



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, 8.019, 183.871



98, 10.011, 183.723



88, 6.302, 234.500



47, 4.756, 183.878



65, 46.468, 172.761



18, 18.831, 175.823

Inverse Universe

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



86, 8.344, 5.455



93, 10.484, 5.621



87, 6.621, 52.856



45, 4.948, 5.448



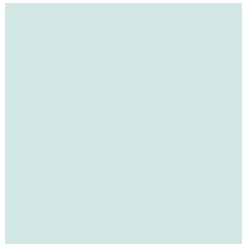
37, 71.863, 30.631



7, 26.685, 14.175

Previews

White Background



This preview shows how the CIELCh color 90, 8.017, 183.881 looks on a white background.

Color Contrast Check

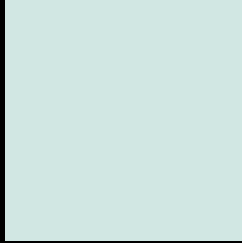
Large Text (above 18pt) WCAG AA × Fail

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, 8.017, 183.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

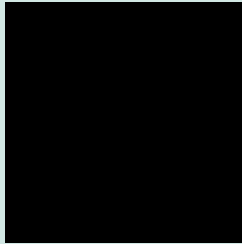
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

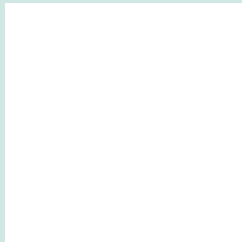
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.017, 183.881

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.017, 183.881.

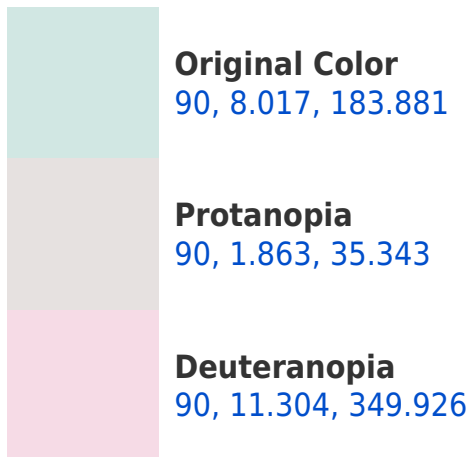


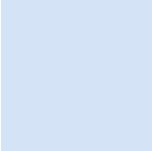
This preview shows how white text looks on a background with the CIELCh color 90, 8.017, 183.881.

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](#).

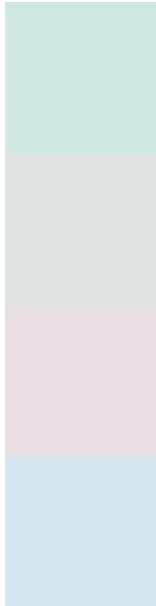
Dichromacy





Tritanopia
90, 10.698, 260.489

Trichromacy



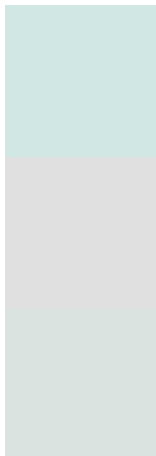
Original Color
90, 8.017, 183.881

Protanomaly
90, 2.068, 169.457

Deuteranomaly
90, 4.774, 338.866

Tritanomaly
90, 7.979, 239.897

Monochromacy



Original Color
90, 8.017, 183.881

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 3.036, 179.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.017, 183.881 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(209, 231, 227)` looks like.

```
.text, #text, p{  
    color:rgb(209, 231, 227)  
}
```

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(209, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 231, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.017, 183.881 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(209, 231, 227) }
```

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

```
.border{ border-color:rgb(209, 231, 227) }
```

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

Here you see how a box with a 4 pixel rgb(209, 231, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(209, 231,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.017, 183.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 231, 227) }
```

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

```
.background{ background-color: rgb(209,  
231, 227) }
```

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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