

Converting Colors

CIELCh(90, 6.678, 194.560)

Have a look what the booklet for
CIELCh(90, 6.678, 194.560) contains.

CIELCh(90, 6.673, 194.563)	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, 6.673, 194.563)

Conversions

Conversions Part 1

Format	Color
Hex	D3E6E5
RGB	211, 230, 229
RGB Percent	83%, 90%, 90%
CMY	0.1715, 0.0970, 0.1009
CMYK	0.08, 0.00, 0.00, 0.10
HSL	177°, 28%, 87%
HSV	177°, 8%, 90%
XYZ	69.4918, 76.3034, 85.3907
YIQ	224.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

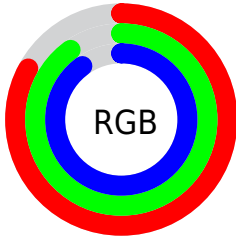
Format	Color
R_{YB}	211, 221, 230
Decimal	13887205
CIE _{Lab}	90.00, -6.46, -1.68
CIE _{LCh}	90, 6.673, 194.563
Yxy	76.3034, 0.3006, 0.3301
Android (android.graphics.Color)	4292077285 (0xFFD3E6E5)
YUV	224.2050, 2.3639, -11.5808
Hunter-Lab	87.3518, -10.8619, 3.1873

Details

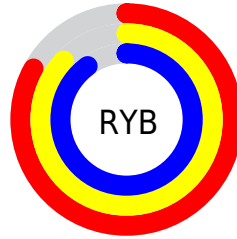
The CIELCh color **90, 6.673, 194.563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 6.996, 15.553**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 6.985, 194.381** is the 20% darker color. If you saturate the color by 10%, you get **88, 14.401, 193.830**, and if you desaturate by 10%, it is **92, 1.442, 14.718**.

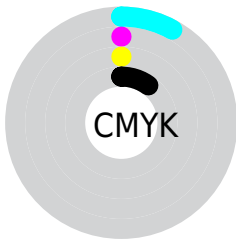
Distribution



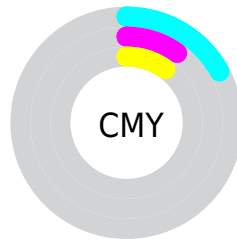
- Red (83%)
- Green (90%)
- Blue (90%)



- Red (83%)
- Yellow (87%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.673, 194.563 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, 6.673, 194.563 by changing the saturation by 10% instead.

90, 6.673, 194.563

90, 6.673, 194.563

100, 6.673,
194.563

80, 6.673, 194.563

70, 6.673, 194.563

60, 6.673, 194.563

50, 6.673, 194.563

40, 6.673, 194.563

30, 6.673, 194.563

20, 6.673, 194.563

10, 6.673, 194.563

0, 6.673, 194.563

90, 6.673, 194.563

90, 6.673, 194.563

88, 14.401,
193.830

92, 1.442, 14.718

87, 21.610,
193.159

93, 8.979, 15.290

86, 28.163,
192.510

93, 9.037, 11.347

85, 33.928,
191.875

93, 9.282, 3.704

84, 38.788,
191.249

93, 9.464, 0.066

84, 42.661,
190.623

94, 9.685, 356.581

83, 45.513,
189.986

94, 9.940, 353.265

83, 47.378,
189.325

94, 10.228,
350.129

■ 83, 48.395,
188.627

Harmonies

Complementary

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



90, 6.673, 194.563



86, 6.996, 15.553

Rectangle

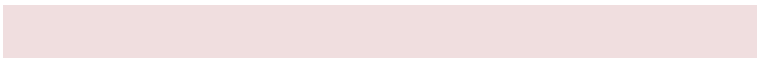
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 6.673, 194.563



90, 6.673, 244.563



90, 6.673, 14.563



90, 6.673, 64.563

Sweetspot

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



90, 6.674, 194.548



100, 1.777, 195.249



90, 11.817, 142.223



53, 1.011, 195.275



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, 6.674, 194.548



98, 8.748, 194.411



88, 5.656, 248.934



47, 4.568, 194.456



66, 40.082, 188.628



18, 16.691, 189.779

Inverse Universe

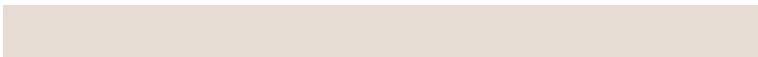
The Inverse Universe completely reimagines the original color for something new.



86, 6.996, 15.553



93, 9.267, 15.718



88, 5.814, 66.881



45, 4.822, 15.662



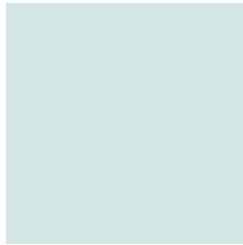
37, 77.748, 37.837



6, 26.938, 19.580

Previews

White Background



This preview shows how the CIELCh color 90, 6.673, 194.563 looks on a white background.

Color Contrast Check

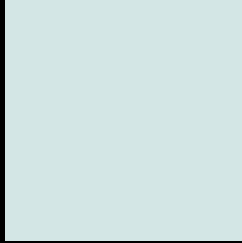
Large Text (above 18pt) WCAG AA × Fail

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, 6.673, 194.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

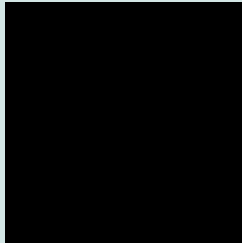
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

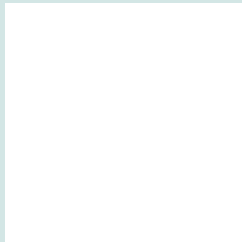
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.673, 194.563

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.673, 194.563.

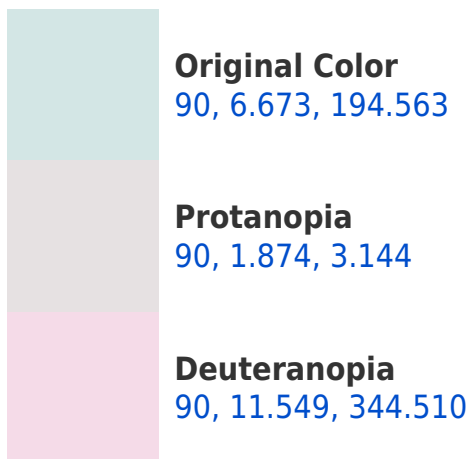


This preview shows how white text looks on a background with the CIELCh color 90, 6.673, 194.563.

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](#).

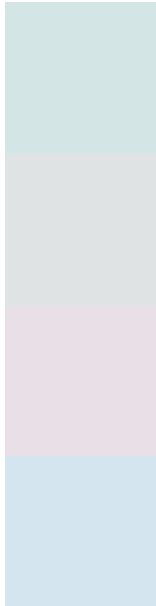
Dichromacy





Tritanopia
90, 10.392, 263.711

Trichromacy



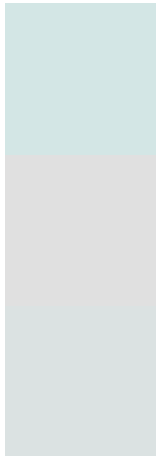
Original Color
90, 6.673, 194.563

Protanomaly
90, 1.420, 199.734

Deuteranomaly
90, 5.512, 330.732

Tritanomaly
90, 7.836, 246.159

Monochromacy



Original Color
90, 6.673, 194.563

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.480, 199.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.673, 194.563 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(211, 230, 229)` looks like.

```
.text, #text, p{  
    color:rgb(211, 230, 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(211, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 230, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.673, 194.563 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(211, 230, 229) }
```

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

```
.border{ border-color:rgb(211, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 230, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 230, 229);  
box-shadow:4px 4px 4px 4px rgb(211, 230,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.673, 194.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 230, 229) }
```

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

```
.background{ background-color: rgb(211,  
230, 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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