

Converting Colors

CIELCh(90, 7.395, 186.467)

Have a look what the booklet for
CIELCh(90, 7.395, 186.467) contains.

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Color

CIELCh(90, 7.540, 187.019)

Conversions

Conversions Part 1

Format	Color
Hex	D2E7E4
RGB	210, 231, 228
RGB Percent	82%, 91%, 89%
CMY	0.1772, 0.0949, 0.1067
CMYK	0.09, 0.00, 0.01, 0.09
HSL	171°, 30%, 86%
HSV	171°, 9%, 91%
XYZ	69.0185, 76.3034, 84.3443
YIQ	224.3790, -11.5530, -5.3850

Conversions

Conversions Part 2

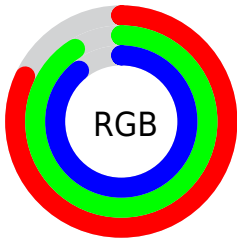
Format	Color
R _Y B	210, 221, 231
Decimal	13821924
CIE Lab	90.00, -7.48, -0.92
CIE LCh	90, 7.540, 187.019
Yxy	76.3034, 0.3005, 0.3322
Android (android.graphics.Color)	4292012004 (0xFFD2E7E4)
YUV	224.3790, 1.7852, -12.6104
Hunter-Lab	87.3518, -11.8290, 3.8976

Details

The CIELCh color **90, 7.540, 187.019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 7.867, 8.431**, 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, 7.429, 190.345** is the 20% darker color. If you saturate the color by 10%, you get **88, 15.531, 186.107**, and if you desaturate by 10%, it is **92, 0.762, 6.996**.

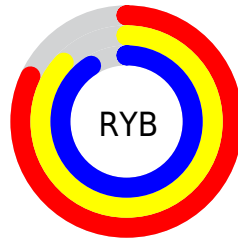
Distribution



Red (82%)

Green (91%)

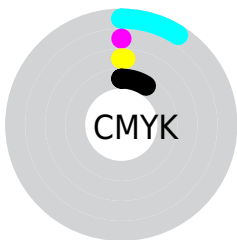
Blue (89%)



Red (82%)

Yellow (87%)

Blue (91%)

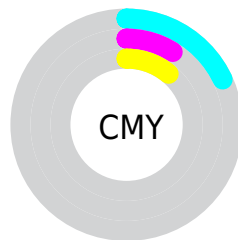


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (9%)



Cyan (18%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.540, 187.019 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, 7.540, 187.019 by changing the saturation by 10% instead.

■ 90, 7.540, 187.019

■ 90, 7.540, 187.019

■ 100, 7.540,
187.019

■ 80, 7.540, 187.019

■ 70, 7.540, 187.019

■ 60, 7.540, 187.019

■ 50, 7.540, 187.019

■ 40, 7.540, 187.019

■ 30, 7.540, 187.019

■ 20, 7.540, 187.019

■ 10, 7.540, 187.019

■ 0, 7.540, 187.019

90, 7.540, 187.019

90, 7.540, 187.019

88, 15.531,
186.107

92, 0.762, 6.996

87, 23.077,
185.203

94, 8.919, 8.030

86, 30.039,
184.264

94, 9.387, 357.853

85, 36.274,
183.275

94, 10.125,
348.914

84, 41.658,
182.219

94, 11.080,
341.371

83, 46.093,
181.075

94, 12.200,
335.139

83, 49.537,
179.822

94, 13.445,
330.030

83, 52.016,
178.439

94, 14.782,
325.838

94, 15.114,

■ 82, 53.687,
176.930

324.946

Harmonies

Complementary

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



90, 7.540, 187.019



86, 7.867, 8.431

Rectangle

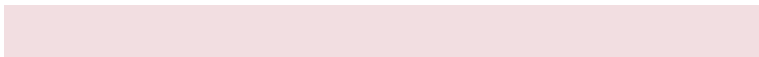
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



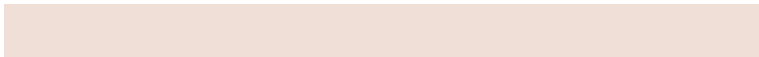
90, 7.540, 187.019



90, 7.540, 237.019



90, 7.540, 7.019



90, 7.540, 57.019

Sweetspot

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



90, 7.542, 187.007



99, 2.718, 187.672



90, 12.717, 139.860



53, 2.059, 187.556



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, 7.542, 187.007



98, 9.853, 186.827



88, 6.043, 238.718



47, 4.683, 186.974



65, 44.280, 177.072



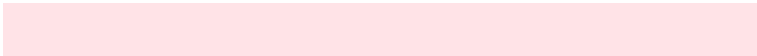
18, 18.100, 179.689

Inverse Universe

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



86, 7.867, 8.431



93, 10.373, 8.637



88, 6.307, 56.904



45, 4.893, 8.468



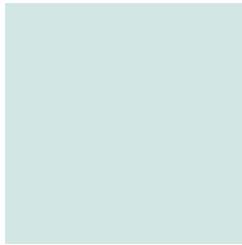
37, 73.742, 33.259



7, 26.738, 15.814

Previews

White Background



This preview shows how the CIELCh color 90, 7.540, 187.019 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, 7.540, 187.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

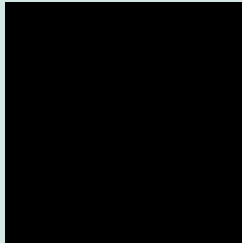
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

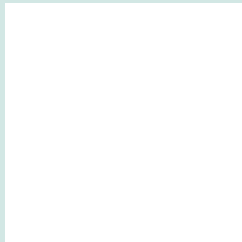
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.540, 187.019

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.540, 187.019.

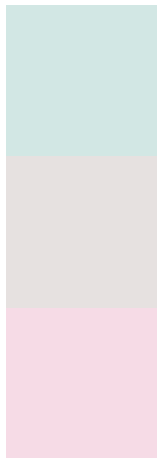


This preview shows how white text looks on a background with the CIELCh color 90, 7.540, 187.019.

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](#).

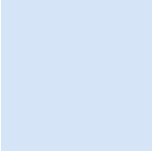
Dichromacy



Original Color
90, 7.540, 187.019

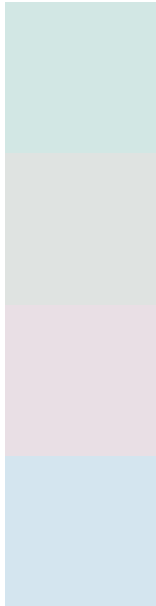
Protanopia
90, 1.863, 35.343

Deuteranopia
90, 11.304, 349.926



Tritanopia
90, 10.541, 262.075

Trichromacy



Original Color
90, 7.540, 187.019

Protanomaly
90, 1.769, 163.760

Deuteranomaly
90, 4.774, 338.866

Tritanomaly
90, 7.728, 241.533

Monochromacy



Original Color
90, 7.540, 187.019

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.545, 187.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 7.540, 187.019 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(210, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 231, 228)  
}
```

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(210, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 231, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.540, 187.019 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(210, 231, 228) }
```

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

```
.border{ border-color:rgb(210, 231, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(210, 231,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.540, 187.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 231, 228) }
```

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

```
.background{ background-color: rgb(210,  
231, 228) }
```

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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