

Converting Colors

CIELCh(90, 14.651, 194.375)

Have a look what the booklet for
CIELCh(90, 14.651, 194.375)
contains.

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Color

CIELCh(90, 14.651, 194.375)

Conversions

Conversions Part 1

Format	Color
Hex	C0EBE9
RGB	192, 235, 233
RGB Percent	75%, 92%, 91%
CMY	0.2481, 0.0795, 0.0873
CMYK	0.18, 0.00, 0.01, 0.08
HSL	177°, 51%, 84%
HSV	177°, 18%, 92%
XYZ	65.9735, 76.3034, 88.1414
YIQ	221.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

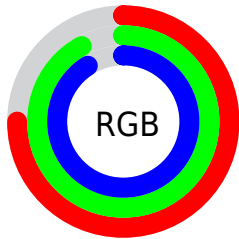
Format	Color
R_{YB}	192, 214, 235
Decimal	12643305
CIE _{Lab}	90.00, -14.19, -3.64
CIE _{LCh}	90, 14.651, 194.375
Yxy	76.3034, 0.2863, 0.3312
Android (android.graphics.Color)	4290833385 (0xFFC0EBE9)
YUV	221.9150, 5.4649, -26.2355
Hunter-Lab	87.3518, -18.0514, 1.3203

Details

The CIELCh color **90, 14.651, 194.375** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 16.351, 17.010**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **70, 14.527, 193.896** is the 20% darker color. If you saturate the color by 10%, you get **89, 21.948, 193.718**, and if you desaturate by 10%, it is **92, 6.822, 195.071**.

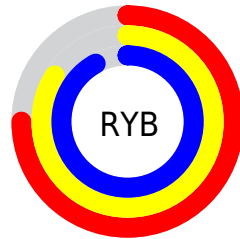
Distribution



Red (75%)

Green (92%)

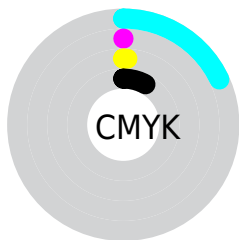
Blue (91%)



Red (75%)

Yellow (84%)

Blue (92%)

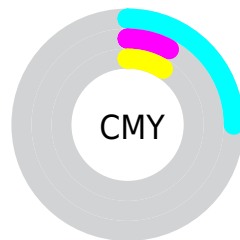


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (8%)



Cyan (25%)


Magenta (8%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 14.651, 194.375 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, 14.651, 194.375 by changing the saturation by 10% instead.


 90, 14.651,
194.375


 90, 14.651,
194.375


 100, 14.651,
194.375


 80, 14.651,
194.375


 70, 14.651,
194.375

 60, 14.651,
194.375

 50, 14.651,
194.375

 40, 14.651,
194.375

 30, 14.651,
194.375

 20, 14.651,

194.375

■ 10, 14.651,
194.375

■ 0, 14.651, 194.375

■ 90, 14.651,
194.375

■ 90, 14.651,
194.375

■ 89, 21.948,
193.718

■ 92, 6.822, 195.071

■ 87, 28.571,
193.093

■ 93, 1.411, 15.212

■ 95, 7.316, 14.701

■ 87, 34.385,
192.487

■ 95, 7.379, 10.371

■ 86, 39.275,
191.897

■ 95, 7.484, 6.139

■ 95, 7.629, 2.048

■ 85, 43.157,
191.314

■ 95, 7.812, 358.130

■ 85, 46.000,
190.728

■ 95, 8.031, 354.411

■ 84, 47.841,
190.126

■ 95, 8.282, 350.905

■ 84, 48.821,
189.498

■ 84, 48.950,
189.392

Harmonies

Complementary

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



90, 14.651, 194.375



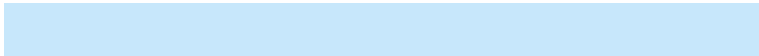
81, 16.351, 17.010

Rectangle

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



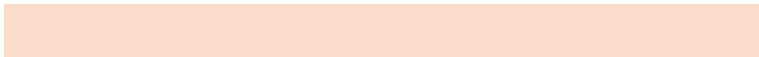
90, 14.651, 194.375



90, 14.651, 244.375



90, 14.651, 14.375



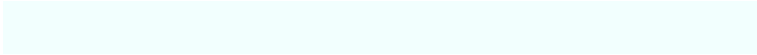
90, 14.651, 64.375

Sweetspot

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



90, 14.652, 194.369



99, 4.416, 195.347



89, 26.914, 142.018



53, 3.009, 195.282



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, 14.652, 194.369



96, 18.612, 194.119



85, 12.744, 252.312



48, 4.646, 194.984



67, 40.269, 189.502



19, 17.136, 190.475

Inverse Universe

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



81, 16.351, 17.010



85, 21.290, 17.414



86, 13.579, 67.681



46, 4.908, 16.169



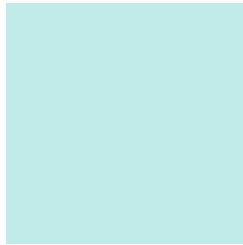
38, 78.846, 38.111



7, 28.341, 20.824

Previews

White Background



This preview shows how the CIE LCh color 90, 14.651, 194.375 looks on a white background.

Color Contrast Check

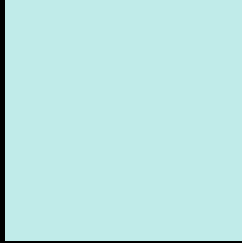
Large Text (above 18pt) WCAG AA × Fail

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, 14.651, 194.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

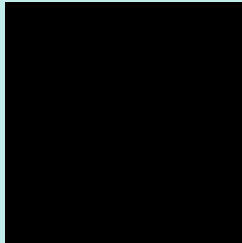
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

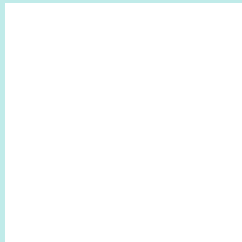
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.651, 194.375

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.651, 194.375.



This preview shows how white text looks on a background with the CIELCh color 90, 14.651, 194.375.

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](#).

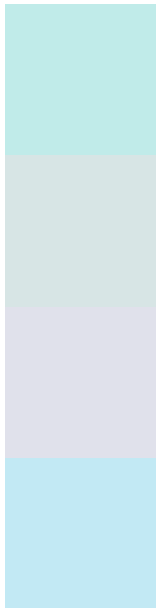
Dichromacy





Tritanopia
90, 15.407, 238.861

Trichromacy



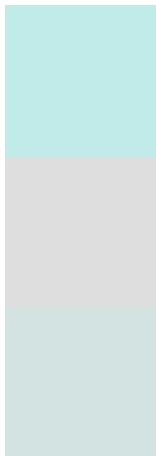
Original Color
90, 14.651, 194.375

Protanomaly
90, 4.915, 199.192

Deuteranomaly
90, 5.213, 286.761

Tritanomaly
90, 14.019, 222.842

Monochromacy



Original Color
90, 14.651, 194.375

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 5.658, 193.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.651, 194.375 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(192, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(192, 235, 233)  
}
```

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(192, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 235, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.651, 194.375 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(192, 235, 233) }
```

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

```
.border{ border-color:rgb(192, 235, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(192, 235,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.651, 194.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 235, 233) }
```

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

```
.background{ background-color: rgb(192,  
235, 233) }
```

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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