

Converting Colors

CIELCh(90, 14.837, 188.493)

Have a look what the booklet for
CIELCh(90, 14.837, 188.493)
contains.

CIELCh(90, 14.965, 188.394)	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, 14.965, 188.394)

Conversions

Conversions Part 1

Format	Color
Hex	C0EBE6
RGB	192, 235, 230
RGB Percent	75%, 92%, 90%
CMY	0.2472, 0.0786, 0.0982
CMYK	0.18, 0.00, 0.02, 0.08
HSL	173°, 52%, 84%
HSV	173°, 18%, 92%
XYZ	65.7001, 76.3034, 86.0964
YIQ	221.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

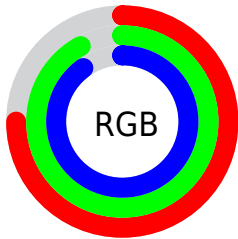
Format	Color
RYB	192, 215, 235
Decimal	12643302
CIELab	90.00, -14.80, -2.18
CIELCh	90, 14.965, 188.394
Yxy	76.3034, 0.2880, 0.3345
Android (android.graphics.Color)	4290833382 (0xFFC0EBE6)
YUV	221.5730, 4.1545, -25.9355
Hunter-Lab	87.3518, -18.6100, 2.7083

Details

The CIELCh color **90, 14.965, 188.394** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 16.429, 11.513**, 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, 14.753, 189.636** is the 20% darker color. If you saturate the color by 10%, you get **89, 22.537, 187.542**, and if you desaturate by 10%, it is **92, 6.929, 189.248**.

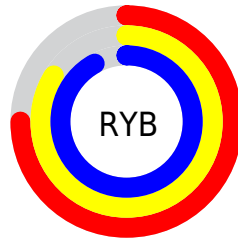
Distribution



Red (75%)

Green (92%)

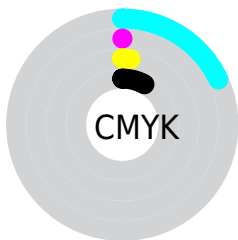
Blue (90%)



Red (75%)

Yellow (84%)

Blue (92%)

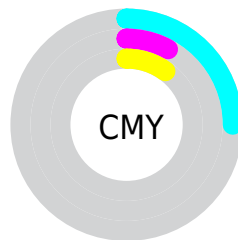


Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (8%)



Cyan (25%)


Magenta (8%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 14.965, 188.394 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, 14.965, 188.394 by changing the saturation by 10% instead.


 90, 14.965,
188.394


 90, 14.965,
188.394


 100, 14.965,
188.394


 80, 14.965,
188.394

 70, 14.965,
188.394

 60, 14.965,
188.394

 50, 14.965,
188.394

 40, 14.965,
188.394

 30, 14.965,
188.394

 20, 14.965,

188.394

■ 10, 14.965,
188.394

■ 0, 14.965, 188.394

■ 90, 14.965,
188.394

■ 90, 14.965,
188.394

■ 89, 22.537,
187.542

■ 92, 6.929, 189.248

■ 87, 29.500,
186.677

■ 93, 1.443, 9.543

■ 95, 7.374, 7.010

■ 86, 35.714,
185.779

■ 95, 7.789, 356.914

■ 86, 41.049,
184.834

■ 95, 8.423, 348.100

■ 95, 9.231, 340.688

■ 85, 45.413,
183.824

■ 95, 10.170,
334.574

■ 84, 48.759,
182.731

■ 95, 11.209,
329.560

■ 84, 51.112,
181.534

■ 95, 12.321,
325.443

■ 84, 52.608,
180.226

■ 84, 52.827,
180.001

Harmonies

Complementary

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



90, 14.965, 188.394



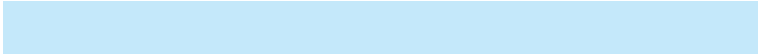
81, 16.429, 11.513

Rectangle

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



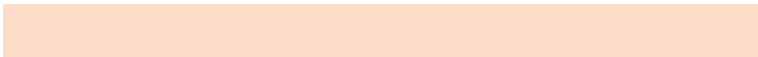
90, 14.965, 188.394



90, 14.965, 238.394



90, 14.965, 8.394



90, 14.965, 58.394

Sweetspot

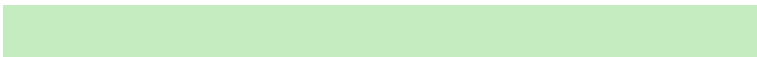
The Sweet Spot groups the original color and five complimentary colors.



90, 14.966, 188.388



99, 4.483, 189.567



89, 26.340, 140.254



53, 3.055, 189.493



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, 14.966, 188.388



96, 19.046, 188.068



86, 12.262, 244.060



48, 4.726, 189.144



66, 43.360, 180.241



19, 18.211, 182.376

Inverse Universe

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



81, 16.429, 11.513



85, 21.351, 11.959



85, 13.330, 60.069



46, 4.953, 10.573



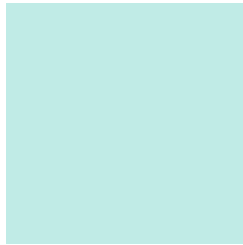
38, 75.857, 34.900



7, 28.104, 17.949

Previews

White Background



This preview shows how the CIE LCh color 90, 14.965, 188.394 looks on a white background.

Color Contrast Check

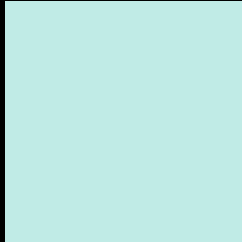
Large Text (above 18pt) WCAG AA × Fail

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, 14.965, 188.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

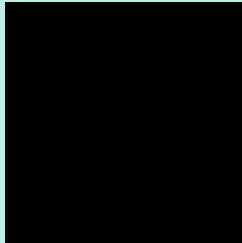
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

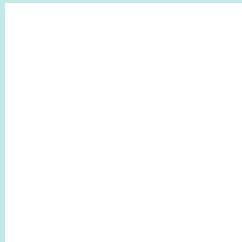
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.965, 188.394

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.965, 188.394.



This preview shows how white text looks on a background with the CIELCh color 90, 14.965, 188.394.

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](#).

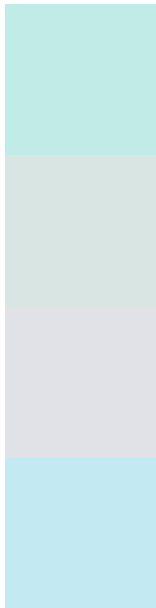
Dichromacy





Tritanopia
90, 14.872, 237.975

Trichromacy



Original Color
90, 14.965, 188.394

Protanomaly
90, 4.873, 180.534

Deuteranomaly
90, 3.648, 290.493

Tritanomaly
90, 13.565, 221.303

Monochromacy



Original Color
90, 14.965, 188.394

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 5.748, 188.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.965, 188.394 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(192, 235, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 235, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.965, 188.394 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, 230) }
```

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

```
.border{ border-color:rgb(192, 235, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(192, 235,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.965, 188.394 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, 230) }
```

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

```
.background{ background-color: rgb(192,  
235, 230) }
```

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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