

Converting Colors

CIELCh(90, 15.843, 197.008)

Have a look what the booklet for
CIELCh(90, 15.843, 197.008)
contains.

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Color

CIELCh(90, 15.795, 198.390)

Conversions

Conversions Part 1

Format	Color
Hex	BCEBEB
RGB	188, 235, 235
RGB Percent	74%, 92%, 92%
CMY	0.2617, 0.0774, 0.0774
CMYK	0.20, 0.00, 0.00, 0.08
HSL	180°, 54%, 83%
HSV	180°, 20%, 92%
XYZ	65.6182, 76.3034, 90.0642
YIQ	220.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

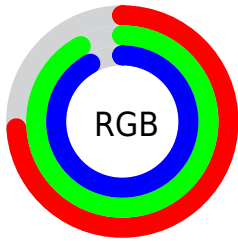
Format	Color
RYB	188, 212, 235
Decimal	12381163
CIELab	90.00, -14.99, -4.98
CIElCh	90, 15.795, 198.390
Yxy	76.3034, 0.2829, 0.3289
Android (android.graphics.Color)	4290571243 (0xFFBCEBEB)
YUV	220.9470, 6.9281, -28.8945
Hunter-Lab	87.3518, -18.7773, 0.0152

Details

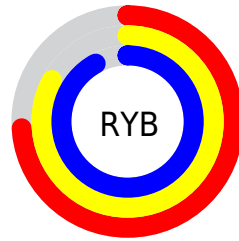
The CIELCh color **90, 15.795, 198.390** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 18.026, 20.835**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **70, 15.661, 198.161** is the 20% darker color. If you saturate the color by 10%, you get **89, 22.866, 197.911**, and if you desaturate by 10%, it is **91, 8.124, 198.929**.

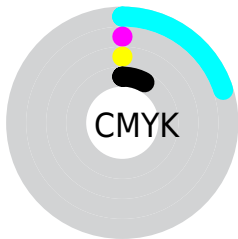
Distribution



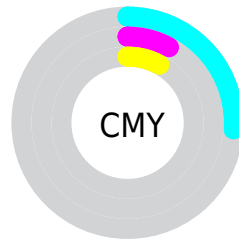
- Red (74%)
- Green (92%)
- Blue (92%)



- Red (74%)
- Yellow (83%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)





- Cyan (26%)
- Magenta (8%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 15.795, 198.390 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, 15.795, 198.390 by changing the saturation by 10% instead.


 90, 15.795,
198.390


 90, 15.795,
198.390


 100, 15.795,
198.390


 80, 15.795,
198.390


 70, 15.795,
198.390

 60, 15.795,
198.390

 50, 15.795,
198.390

 40, 15.795,
198.390

 30, 15.795,
198.390

 20, 15.795,

198.390

■ 10, 15.795,
198.390

■ 0, 15.795, 198.390

■ 90, 15.795,
198.390

■ 90, 15.795,
198.390

■ 89, 22.866,
197.911

■ 91, 8.124, 198.929

■ 88, 29.199,
197.499

■ 93, 0.021, 347.494

■ 95, 7.101, 19.793

■ 87, 34.666,
197.151

■ 95, 7.101, 19.785

■ 86, 39.165,
196.868

■ 95, 7.101, 19.778

■ 95, 7.101, 19.770

■ 85, 42.632,
196.653

■ 95, 7.101, 19.762

■ 85, 45.056,
196.503

■ 95, 7.101, 19.754

■ 85, 46.496,
196.415

■ 95, 7.101, 19.746

■ 85, 47.154,
196.374

■ 85, 47.155,
196.374

Harmonies

Complementary

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



90, 15.795, 198.390



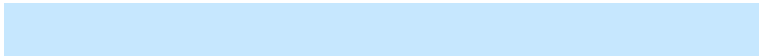
80, 18.026, 20.835

Rectangle

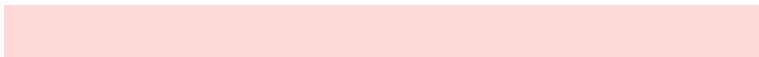
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 15.795, 198.390



90, 15.795, 248.390



90, 15.795, 18.390



90, 15.795, 68.390

Sweetspot

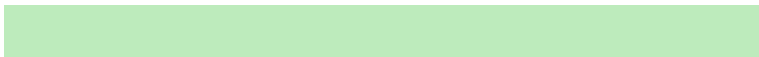
The Sweet Spot groups the original color and five complimentary colors.



90, 15.796, 198.384



99, 5.264, 199.191



89, 29.748, 142.743



53, 3.486, 199.143



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, 15.796, 198.384



96, 19.973, 198.182



84, 14.275, 256.454



48, 4.619, 198.961



67, 38.754, 196.374



19, 16.595, 196.376

Inverse Universe

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



80, 18.026, 20.835



84, 23.487, 21.250



86, 15.136, 71.144



46, 4.905, 19.930



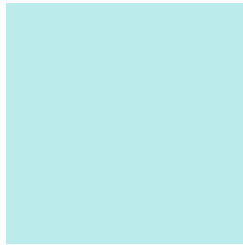
38, 80.844, 39.982



7, 28.535, 22.712

Previews

White Background



This preview shows how the CIE LCh color 90, 15.795, 198.390 looks on a white background.

Color Contrast Check

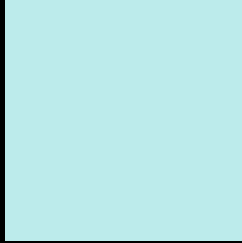
Large Text (above 18pt) WCAG AA × Fail

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, 15.795, 198.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

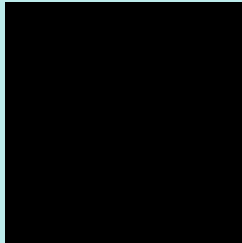
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

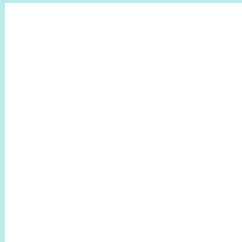
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 15.795, 198.390

Background



This preview shows how black text looks on a background with the CIELCh color 90, 15.795, 198.390.

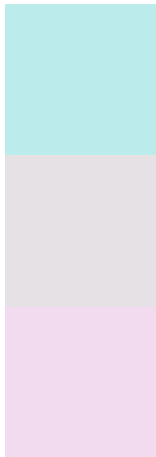


This preview shows how white text looks on a background with the CIELCh color 90, 15.795, 198.390.

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, 15.795, 198.390

Protanopia

90, 2.543, 324.426

Deuteranopia

90, 13.265, 328.753

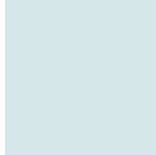


Tritanopia
90, 16.342, 233.787

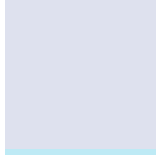
Trichromacy



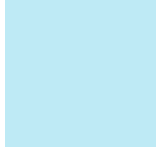
Original Color
90, 15.795, 198.390



Protanomaly
90, 5.324, 210.446



Deuteranomaly
90, 6.829, 281.952

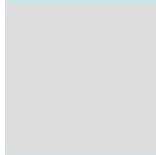


Tritanomaly
90, 15.445, 220.392

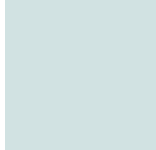
Monochromacy



Original Color
90, 15.795, 198.390



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 5.963, 199.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 15.795, 198.390 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(188, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(188, 235, 235)  
}
```

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(188, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 235, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 15.795, 198.390 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(188, 235, 235) }
```

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

```
.border{ border-color:rgb(188, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(188, 235,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 15.795, 198.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 235, 235) }
```

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

```
.background{ background-color: rgb(188,  
235, 235) }
```

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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