

Converting Colors

CIELCh(87, 14.524, 190.792)

Have a look what the booklet for
CIELCh(87, 14.524, 190.792)
contains.

CIELCh(87, 14.607, 190.151)	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(87, 14.607, 190.151)

Conversions

Conversions Part 1

Format	Color
Hex	B8E2DE
RGB	184, 226, 222
RGB Percent	72%, 89%, 87%
CMY	0.2776, 0.1129, 0.1286
CMYK	0.19, 0.00, 0.02, 0.11
HSL	174°, 42%, 80%
HSV	174°, 19%, 89%
XYZ	60.2813, 70.0064, 79.5883
YIQ	212.9860, -23.7480, -10.1480

Conversions

Conversions Part 2

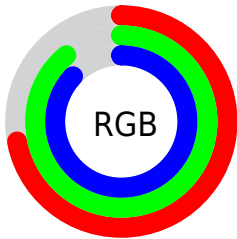
Format	Color
RYB	184, 206, 226
Decimal	12116702
CIELab	87.00, -14.38, -2.57
CIELCh	87, 14.607, 190.151
Yxy	70.0064, 0.2872, 0.3336
Android (android.graphics.Color)	4290306782 (0xFFB8E2DE)
YUV	212.9860, 4.4439, -25.4207
Hunter-Lab	83.6698, -17.8190, 2.1711

Details

The CIELCh color $87, 14.607, 190.151$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $79, 16.137, 13.188$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.823, 199.237$, and $67, 14.838, 189.558$ is the 20% darker color. If you saturate the color by 10%, you get $86, 21.851, 189.352$, and if you desaturate by 10%, it is $89, 6.891, 190.960$.

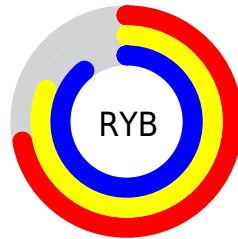
Distribution



Red (72%)

Green (89%)

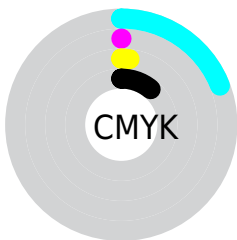
Blue (87%)



Red (72%)

Yellow (81%)

Blue (89%)

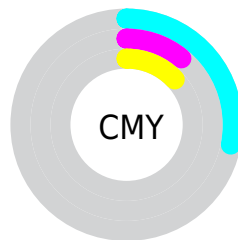


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (11%)



Cyan (28%)


Magenta (11%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 14.607, 190.151 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 87, 14.607, 190.151 by changing the saturation by 10% instead.


 87, 14.607,
190.151


 87, 14.607,
190.151


 100, 14.607,
190.151


 77, 14.607,
190.151

 67, 14.607,
190.151

 57, 14.607,
190.151

 47, 14.607,
190.151

 37, 14.607,
190.151

 27, 14.607,
190.151

 17, 14.607,

190.151

■ 7, 14.607, 190.151

■ 0, 14.607, 190.151

■ 87, 14.607,
190.151

■ 87, 14.607,
190.151

■ 86, 21.851,
189.352

■ 89, 6.891, 190.960

■ 85, 28.483,
188.553

■ 90, 1.172, 11.135

■ 84, 34.369,
187.734

■ 92, 9.470, 12.330

■ 83, 39.390,
186.886

■ 92, 10.702, 7.304

■ 82, 43.457,

■ 92, 10.973, 1.636

■ 92, 11.349,
356.296

185.992

93, 11.820,
351.347

82, 46.532,
185.036

93, 12.375,
346.816

81, 48.642,
183.999

93, 13.002,
342.706

81, 49.931,
182.875

81, 50.089,
182.713

Harmonies

Complementary

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



87, 14.607, 190.151



79, 16.137, 13.188

Rectangle

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



87, 14.607, 190.151



87, 14.607, 240.151



87, 14.607, 10.151



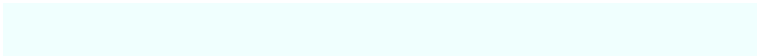
87, 14.607, 60.151

Sweetspot

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



87, 14.608, 190.145



99, 5.341, 191.189



86, 26.057, 140.690



53, 3.539, 191.127



0, 0.000, 0.000



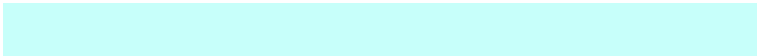
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 14.608, 190.145



96, 18.895, 189.862



83, 12.155, 246.210



46, 4.528, 190.886



65, 41.440, 182.917



17, 16.739, 184.947

Inverse Universe

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



79, 16.137, 13.188



85, 21.311, 13.598



83, 13.164, 61.976



44, 4.757, 12.243



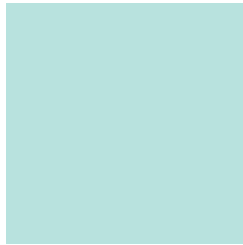
36, 75.142, 35.921



6, 25.353, 16.922

Previews

White Background



This preview shows how the CIELCh color 87, 14.607, 190.151 looks on a white background.

Color Contrast Check

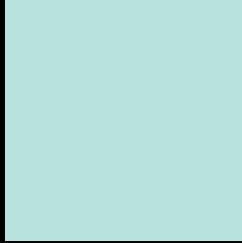
Large Text (above 18pt) WCAG AA × Fail

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 87, 14.607, 190.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

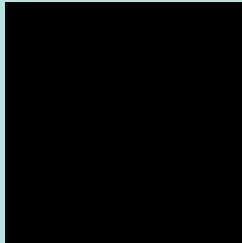
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

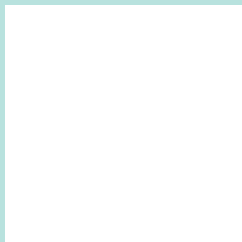
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 14.607, 190.151

Background



This preview shows how black text looks on a background with the CIELCh color 87, 14.607, 190.151.



This preview shows how white text looks on a background with the CIELCh color 87, 14.607, 190.151.

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](#).

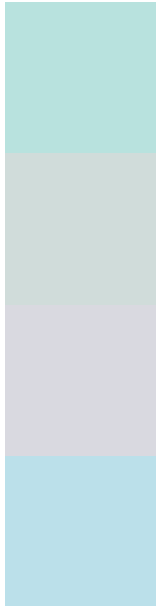
Dichromacy





Tritanopia
87, 14.707, 238.857

Trichromacy



Original Color
87, 14.607, 190.151

Protanomaly
87, 4.409, 185.484

Deuteranomaly
87, 3.672, 290.503

Tritanomaly
87, 13.340, 221.885

Monochromacy



Original Color
87, 14.607, 190.151

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 5.446, 188.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 14.607, 190.151 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(184, 226, 222)` looks like.

```
.text, #text, p{  
    color:rgb(184, 226, 222)  
}
```

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(184, 226, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 226, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 14.607, 190.151 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(184, 226, 222) }
```

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

```
.border{ border-color:rgb(184, 226, 222) }
```

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

Here you see how a box with a 4 pixel rgb(184, 226, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 226, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 226, 222);  
box-shadow:4px 4px 4px 4px rgb(184, 226,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 14.607, 190.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 226, 222) }
```

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

```
.background{ background-color: rgb(184,  
226, 222) }
```

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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