

Converting Colors

CIELCh(87, 14.160, 220.308)

Have a look what the booklet for
CIELCh(87, 14.160, 220.308)
contains.

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Color

CIELCh(87, 14.208, 220.325)

Conversions

Conversions Part 1

Format	Color
Hex	B9E1EB
RGB	185, 225, 235
RGB Percent	73%, 88%, 92%
CMY	0.2753, 0.1185, 0.0793
CMYK	0.21, 0.04, 0.00, 0.08
HSL	192°, 55%, 82%
HSV	192°, 21%, 92%
XYZ	61.7865, 70.0064, 88.6880
YIQ	214.1800, -27.0500, -5.3700

Conversions

Conversions Part 2

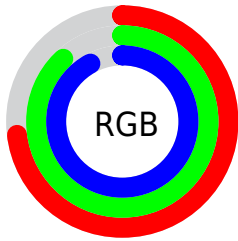
Format	Color
R _Y B	185, 207, 235
Decimal	12181995
CIE Lab	87.00, -10.83, -9.19
CIE LCh	87, 14.208, 220.325
Yxy	70.0064, 0.2802, 0.3175
Android (android.graphics.Color)	4290372075 (0xFFB9E1EB)
YUV	214.1800, 10.2643, -25.5909
Hunter-Lab	83.6698, -14.6077, -4.2771

Details

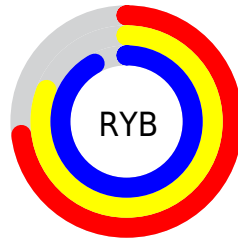
The CIELCh color `87, 14.208, 220.325` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `82, 16.380, 39.158`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.482, 199.269`, and `67, 14.196, 219.010` is the 20% darker color. If you saturate the color by 10%, you get `84, 20.162, 220.972`, and if you desaturate by 10%, it is `90, 7.758, 219.887`.

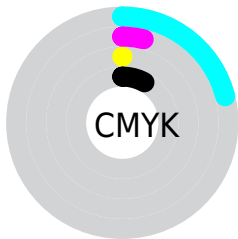
Distribution



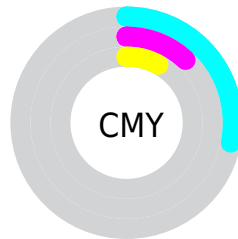
- Red (73%)
- Green (88%)
- Blue (92%)



- Red (73%)
- Yellow (81%)
- Blue (92%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)





- Cyan (28%)
- Magenta (12%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 14.208, 220.325 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, 14.208, 220.325 by changing the saturation by 10% instead.


 87, 14.208,
220.325


 87, 14.208,
220.325


 100, 14.208,
220.325


 77, 14.208,
220.325

 67, 14.208,
220.325

 57, 14.208,
220.325

 47, 14.208,
220.325

 37, 14.208,
220.325

 27, 14.208,
220.325

 17, 14.208,

220.325

■ 7, 14.208, 220.325

■ 0, 14.208, 220.325

■ 87, 14.208,
220.325

■ 87, 14.208,
220.325

■ 84, 20.162,
220.972

■ 90, 7.758, 219.887

■ 82, 25.513,
221.887

■ 93, 0.912, 220.169

■ 80, 30.155,
223.125

■ 96, 6.162, 39.460

■ 77, 34.000,
224.759

■ 97, 6.063, 67.027

■ 76, 36.997,

■ 98, 7.252, 90.086

■ 99, 9.233, 104.898

226.876

100, 10.234,
109.403

74, 39.149,
229.559

72, 40.543,
232.876

71, 41.338,
236.218

Harmonies

Complementary

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



87, 14.208, 220.325



82, 16.380, 39.158

Rectangle

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



87, 14.208, 220.325



87, 14.208, 270.325



87, 14.208, 40.325



87, 14.208, 90.325

Sweetspot

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



87, 14.208, 220.318



98, 4.466, 219.774



89, 27.984, 148.454



52, 2.958, 219.780



0, 0.000, 0.000



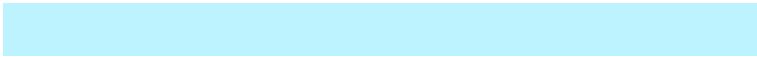
53, 0.007, 296.813

Same Dimension

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



87, 14.208, 220.318



92, 18.254, 220.604



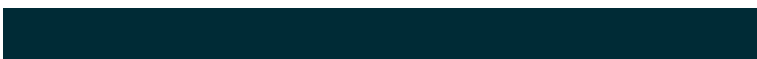
81, 18.770, 275.497



48, 3.918, 219.835



56, 33.969, 235.490



15, 14.422, 229.109

Inverse Universe

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



81, 27.760, 331.874



84, 36.253, 332.199



88, 18.779, 89.732



46, 7.361, 331.089



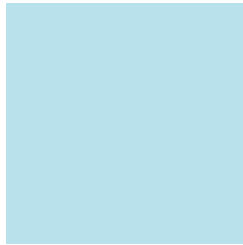
41, 76.543, 338.135



9, 33.504, 336.411

Previews

White Background



This preview shows how the CIE LCh color 87, 14.208, 220.325 looks on a white background.

Color Contrast Check

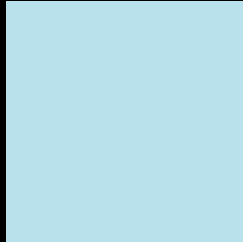
Large Text (above 18pt) WCAG AA × Fail

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, 14.208, 220.325 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, 14.208, 220.325

Background



This preview shows how black text looks on a background with the CIELCh color 87, 14.208, 220.325.



This preview shows how white text looks on a background with the CIELCh color 87, 14.208, 220.325.

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



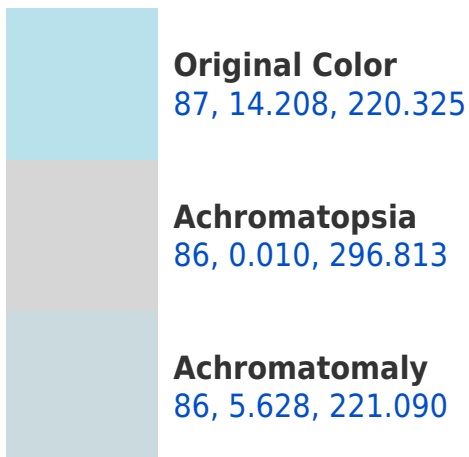


Tritanopia
87, 15.427, 236.575

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 14.208, 220.325 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(185, 225, 235)` looks like.

```
.text, #text, p{  
    color:rgb(185, 225, 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(185, 225, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 225, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 14.208, 220.325 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(185, 225, 235) }
```

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

```
.border{ border-color:rgb(185, 225, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 225, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(185, 225,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 14.208, 220.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 225, 235) }
```

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

```
.background{ background-color: rgb(185,  
225, 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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