

Converting Colors

CIELCh(85, 19.418, 220.776)

Have a look what the booklet for
CIELCh(85, 19.418, 220.776)
contains.

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Color

CIELCh(85, 19.464, 222.392)

Conversions

Conversions Part 1

Format	Color
Hex	A5DDEC
RGB	165, 221, 236
RGB Percent	65%, 87%, 93%
CMY	0.3516, 0.1320, 0.0731
CMYK	0.30, 0.06, 0.00, 0.07
HSL	193°, 66%, 79%
HSV	193°, 30%, 93%
XYZ	56.7258, 66.0070, 89.3735
YIQ	205.9660, -38.1910, -7.2070

Conversions

Conversions Part 2

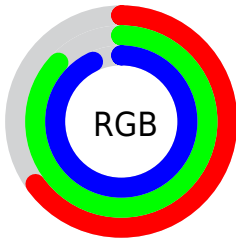
Format	Color
RYB	165, 196, 236
Decimal	10870252
CIELab	85.00, -14.38, -13.12
CIELCh	85, 19.464, 222.392
Yxy	66.0070, 0.2674, 0.3112
Android (android.graphics.Color)	4289060332 (0xFFA5DDEC)
YUV	205.9660, 14.8068, -35.9272
Hunter-Lab	81.2447, -17.5478, -8.3509

Details

The CIELCh color `85, 19.464, 222.392` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `78, 23.952, 40.359`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 11.153, 198.761`, and `65, 19.369, 221.933` is the 20% darker color. If you saturate the color by 10%, you get `82, 24.916, 223.351`, and if you desaturate by 10%, it is `88, 13.430, 221.690`.

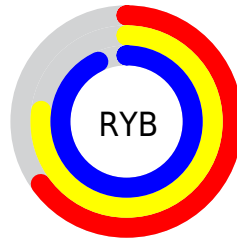
Distribution



Red (65%)

Green (87%)

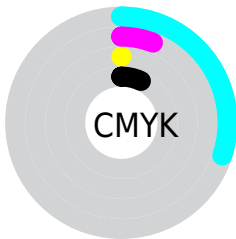
Blue (93%)



Red (65%)

Yellow (77%)

Blue (93%)

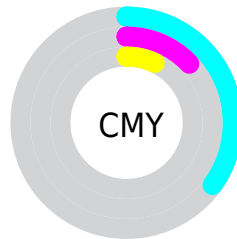


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (35%)


Magenta (13%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 19.464, 222.392 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 85, 19.464, 222.392 by changing the saturation by 10% instead.


 85, 19.464,
222.392


 85, 19.464,
222.392


 100, 19.464,
222.392


 75, 19.464,
222.392

 65, 19.464,
222.392

 55, 19.464,
222.392

 45, 19.464,
222.392

 35, 19.464,
222.392

 25, 19.464,
222.392

 15, 19.464,

222.392

■ 5, 19.464, 222.392

■ 0, 19.464, 222.392

■ 85, 19.464,
222.392

■ 85, 19.464,
222.392

■ 82, 24.916,
223.351

■ 88, 13.430,
221.690

■ 80, 29.683,
224.644

■ 91, 6.921, 221.226

■ 78, 33.677,
226.343

■ 94, 0.036, 238.293

■ 76, 36.841,
228.536

■ 96, 5.515, 46.946

■ 74, 39.178,

■ 97, 5.934, 78.050

■ 99, 7.694, 99.666

231.310

100, 9.441,
109.462

72, 40.767,
234.735

70, 41.839,
238.729

Harmonies

Complementary

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



85, 19.464, 222.392



78, 23.952, 40.359

Rectangle

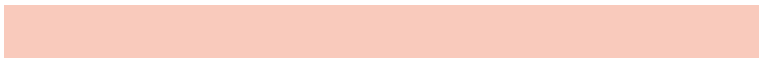
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 19.464, 222.392



85, 19.464, 272.392



85, 19.464, 42.392



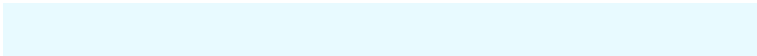
85, 19.464, 92.392

Sweetspot

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



85, 19.464, 222.388



97, 6.612, 221.194



88, 39.186, 148.226



51, 4.578, 221.241



0, 0.000, 0.000



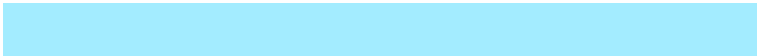
53, 0.007, 296.813

Same Dimension

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



85, 19.464, 222.388



89, 24.220, 222.940



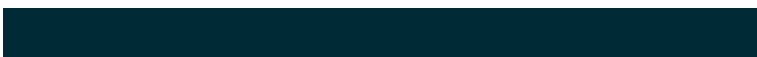
76, 27.395, 278.291



48, 3.897, 221.207



55, 34.185, 237.948



15, 14.445, 231.219

Inverse Universe

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



76, 39.050, 332.891



78, 49.589, 333.323



87, 27.246, 89.875



46, 7.302, 331.493



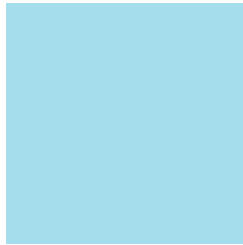
41, 75.907, 338.831



8, 33.260, 336.970

Previews

White Background



This preview shows how the CIELCh color 85, 19.464, 222.392 looks on a white background.

Color Contrast Check

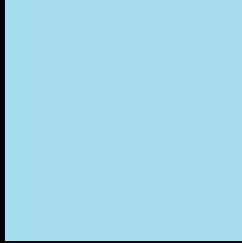
Large Text (above 18pt) WCAG AA × Fail

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 85, 19.464, 222.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

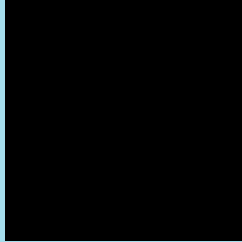
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 19.464, 222.392

Background



This preview shows how black text looks on a background with the CIELCh color 85, 19.464, 222.392.



This preview shows how white text looks on a background with the CIELCh color 85, 19.464, 222.392.

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
85, 19.731, 227.238

Trichromacy



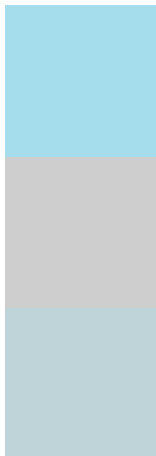
Original Color
85, 19.464, 222.392

Protanomaly
85, 11.512, 254.775

Deuteranomaly
85, 14.767, 274.126

Tritanomaly
85, 19.541, 225.773

Monochromacy



Original Color
85, 19.464, 222.392

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 7.738, 218.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 19.464, 222.392 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(165, 221, 236)` looks like.

```
.text, #text, p{  
    color:rgb(165, 221, 236)  
}
```

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(165, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 221, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 19.464, 222.392 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(165, 221, 236) }
```

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

```
.border{ border-color:rgb(165, 221, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 221, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 221, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 221, 236);  
box-shadow:4px 4px 4px 4px rgb(165, 221,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 19.464, 222.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 221, 236) }
```

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

```
.background{ background-color: rgb(165,  
221, 236) }
```

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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