

Converting Colors

CIELCh(85, 24.945, 220.471)

Have a look what the booklet for
CIELCh(85, 24.945, 220.471)
contains.

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Color

CIELCh(85, 24.945, 220.471)

Conversions

Conversions Part 1

Format	Color
Hex	94E0F2
RGB	148, 224, 242
RGB Percent	58%, 88%, 95%
CMY	0.4196, 0.1216, 0.0510
CMYK	0.39, 0.07, 0.00, 0.05
HSL	191°, 78%, 76%
HSV	191°, 39%, 95%
XYZ	54.8860, 66.0070, 93.8391
YIQ	203.3280, -51.0740, -10.5140

Conversions

Conversions Part 2

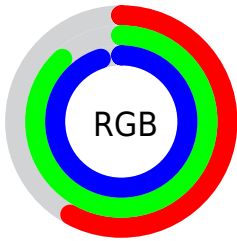
Format	Color
R_{YB}	148, 190, 242
Decimal	9756914
CIE _{Lab}	85.00, -18.98, -16.19
CIE _{LCh}	85, 24.945, 220.471
Yxy	66.0070, 0.2556, 0.3074
Android (android.graphics.Color)	4287946994 (0xFF94E0F2)
YUV	203.3280, 19.0653, -48.5227
Hunter-Lab	81.2447, -21.5901, -11.6097

Details

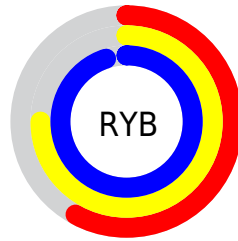
The CIELCh color **85, 24.945, 220.471** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 33.141, 38.609**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **65, 24.958, 220.105** is the 20% darker color. If you saturate the color by 10%, you get **83, 29.884, 221.552**, and if you desaturate by 10%, it is **88, 19.292, 219.680**.

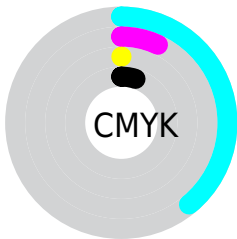
Distribution



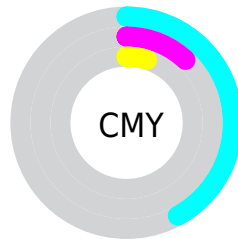
- Red (58%)
- Green (88%)
- Blue (95%)



- Red (58%)
- Yellow (75%)
- Blue (95%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)





- Cyan (42%)
- Magenta (12%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 24.945, 220.471 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, 24.945, 220.471 by changing the saturation by 10% instead.


 85, 24.945,
220.471


 85, 24.945,
220.471


 100, 24.945,
220.471


 75, 24.945,
220.471

 65, 24.945,
220.471

 55, 24.945,
220.471

 45, 24.945,
220.471

 35, 24.945,
220.471

 25, 24.945,
220.471

 15, 24.945,

220.471

■ 5, 24.945, 220.471

■ 0, 24.945, 220.471

■ 85, 24.945,
220.471

■ 85, 24.945,
220.471

■ 83, 29.884,
221.552

■ 88, 19.292,
219.680

■ 80, 34.011,
223.001

■ 90, 13.038,
219.134

■ 78, 37.259,
224.896

■ 93, 6.293, 218.805

■ 77, 39.615,
227.322

■ 96, 0.840, 37.719

■ 98, 3.817, 62.893

■ 75, 41.142,

230.350

99, 5.089, 96.797

■ 74, 42.032,
233.979

■ 100, 6.587,
109.673

■ 73, 42.125,
234.413

Harmonies

Complementary

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



85, 24.945, 220.471



75, 33.141, 38.609

Rectangle

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



85, 24.945, 220.471



85, 24.945, 270.471



85, 24.945, 40.471



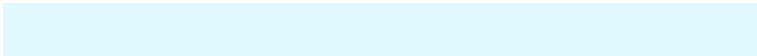
85, 24.945, 90.471

Sweetspot

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



85, 24.945, 220.468



96, 8.835, 218.884



88, 52.022, 146.773



51, 5.839, 218.924



0, 0.000, 0.000



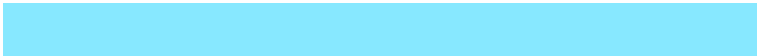
53, 0.007, 296.813

Same Dimension

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



85, 24.945, 220.468



87, 30.271, 221.342



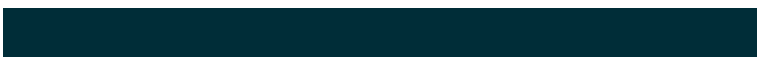
73, 35.666, 278.906



49, 4.006, 218.818



57, 34.201, 233.684



16, 14.851, 227.872

Inverse Universe

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



73, 51.841, 332.763



73, 64.634, 333.346



86, 35.622, 87.371



47, 7.538, 330.793



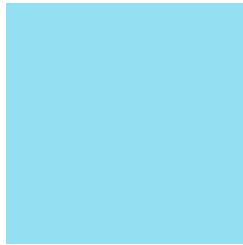
42, 77.821, 337.636



9, 34.661, 336.089

Previews

White Background



This preview shows how the CIELCh color 85, 24.945, 220.471 looks on a white background.

Color Contrast Check

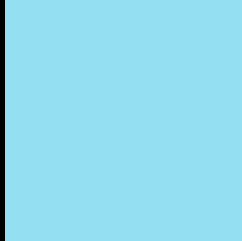
Large Text (above 18pt) WCAG AA × Fail

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, 24.945, 220.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

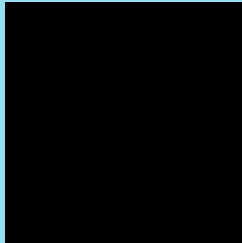
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 24.945, 220.471

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.945, 220.471.



This preview shows how white text looks on a background with the CIELCh color 85, 24.945, 220.471.

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



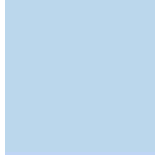


Tritanopia
85, 24.945, 220.471

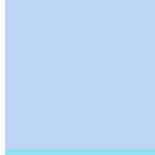
Trichromacy



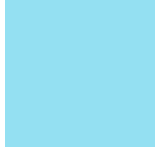
Original Color
85, 24.945, 220.471



Protanomaly
85, 14.256, 250.109



Deuteranomaly
85, 18.131, 268.055

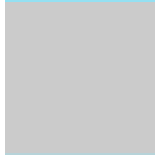


Tritanomaly
85, 24.945, 220.471

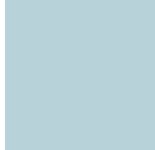
Monochromacy



Original Color
85, 24.945, 220.471



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 10.106, 217.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.945, 220.471 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(148, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(148, 224, 242)  
}
```

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(148, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 224, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.945, 220.471 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(148, 224, 242) }
```

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

```
.border{ border-color:rgb(148, 224, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 224, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(148, 224,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.945, 220.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 224, 242) }
```

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

```
.background{ background-color: rgb(148,  
224, 242) }
```

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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