

Converting Colors

CIELCh(100, 40.744, 157.424)

Have a look what the booklet for
CIELCh(100, 40.744, 157.424)
contains.

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Color

CIELCh(95, 29.792, 164.049)

Conversions

Conversions Part 1

Format	Color
Hex	B8FFE0
RGB	184, 255, 224
RGB Percent	72%, 100%, 88%
CMY	0.2791, 0.0000, 0.1222
CMYK	0.28, 0.00, 0.12, 0.00
HSL	154°, 100%, 86%
HSV	154°, 28%, 100%
XYZ	69.1985, 87.6183, 83.6738
YIQ	230.2370, -32.3650, -24.6930

Conversions

Conversions Part 2

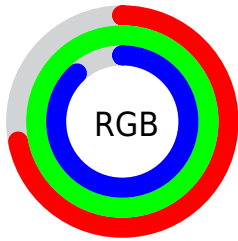
Format	Color
RYB	184, 229, 255
Decimal	12124128
CIELab	95.00, -28.64, 8.19
CIElCh	95, 29.792, 164.049
Yxy	87.6183, 0.2877, 0.3643
Android (android.graphics.Color)	4290314208 (0xFFB8FFE0)
YUV	230.2370, -3.0748, -40.5498
Hunter-Lab	93.6047, -31.8497, 12.5235

Details

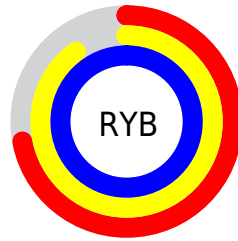
The CIELCh color **95, 29.792, 164.049** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 30.715, 349.918**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.823, 199.237**, and **75, 29.170, 164.736** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.310, 163.286**, and if you desaturate by 10%, it is **96, 18.941, 165.526**.

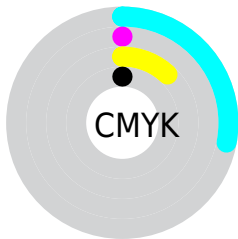
Distribution



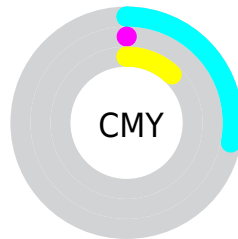
- Red (72%)
- Green (100%)
- Blue (88%)



- Red (72%)
- Yellow (90%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 29.792, 164.049 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 95, 29.792, 164.049 by changing the saturation by 10% instead.

 95, 29.792,
164.049


 95, 29.792,
164.049


 100, 29.792,
164.049


 85, 29.792,
164.049

 75, 29.792,
164.049

 65, 29.792,
164.049

 55, 29.792,
164.049

 45, 29.792,
164.049

 35, 29.792,
164.049

 25, 29.792,

164.049

■ 15, 29.792,
164.049

■ 5, 29.792, 164.049

■ 95, 29.792,
164.049

■ 95, 29.792,
164.049

■ 93, 39.310,
163.286

■ 96, 18.941,
165.526

■ 92, 48.779,
161.965

■ 98, 8.384, 166.511

■ 91, 57.529,
160.475

100, 0.012,
296.813

■ 90, 65.402,
158.791

■ 89, 72.290,
156.892

■ 89, 78.165,
154.777

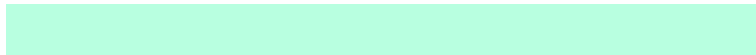
■ 89, 83.120,
152.477

■ 89, 84.097,
152.000

Harmonies

Complementary

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



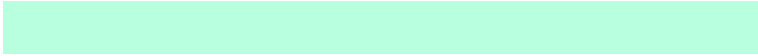
95, 29.792, 164.049



82, 30.715, 349.918

Rectangle

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



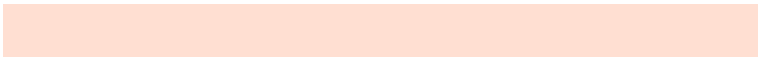
95, 29.792, 164.049



95, 29.792, 214.049



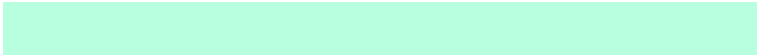
95, 29.792, 344.049



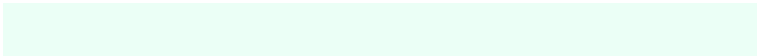
95, 29.792, 34.049

Sweetspot

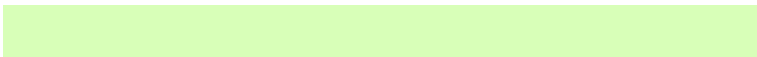
The Sweet Spot groups the original color and five complimentary colors.



95, 29.304, 164.464



98, 8.483, 166.502



96, 38.873, 129.514



52, 6.028, 166.355



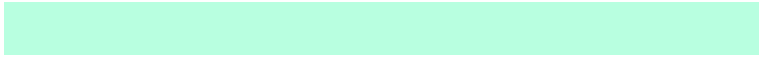
0, 0.000, 0.000



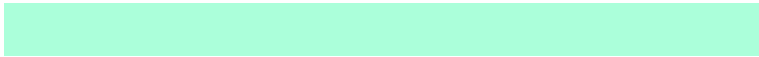
53, 0.007, 296.813

Same Dimension

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



95, 29.304, 164.464



94, 34.456, 163.880



95, 21.756, 202.944



52, 6.028, 166.355



68, 67.164, 152.435



23, 29.082, 155.664

Inverse Universe

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



82, 30.715, 349.918



79, 36.419, 350.551



82, 26.476, 25.524



50, 6.129, 347.943



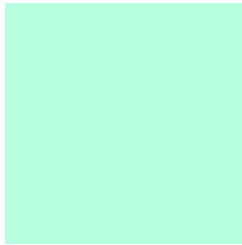
41, 68.025, 8.124



10, 31.425, 1.600

Previews

White Background



This preview shows how the CIE LCh color 95, 29.792, 164.049 looks on a white background.

Color Contrast Check

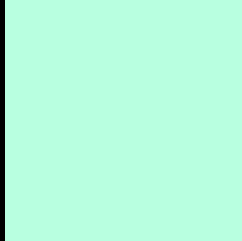
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 29.792, 164.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

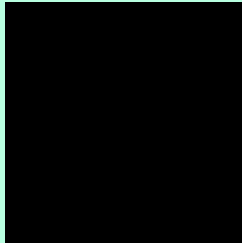
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 29.792, 164.049

Background



This preview shows how black text looks on a background with the CIELCh color 95, 29.792, 164.049.

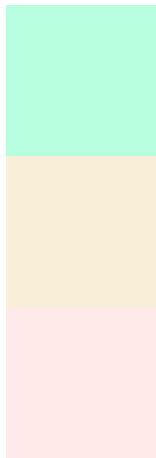


This preview shows how white text looks on a background with the CIELCh color 95, 29.792, 164.049.

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
95, 29.213, 164.539

Protanopia
94, 12.453, 90.166

Deuteranopia
94, 7.599, 23.697



Tritanopia
95, 10.834, 230.521

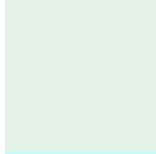
Trichromacy



Original Color
95, 29.213, 164.539



Protanomaly
94, 15.041, 136.241

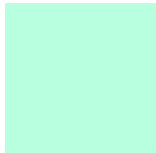


Deuteranomaly
94, 7.741, 146.308

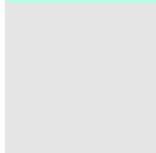


Tritanomaly
95, 15.043, 190.579

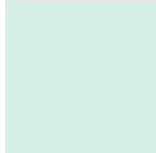
Monochromacy



Original Color
95, 29.213, 164.539



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.831, 167.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 29.792, 164.049 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, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 224)  
}
```

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, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 29.792, 164.049 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, 255, 224) }
```

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

```
.border{ border-color:rgb(184, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 29.792, 164.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 224) }
```

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

```
.background{ background-color: rgb(184,  
255, 224) }
```

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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