

Converting Colors

CIELCh(100, 30.232, 187.024)

Have a look what the booklet for
CIELCh(100, 30.232, 187.024)
contains.

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Color

CIELCh(95, 24.551, 197.904)

Conversions

Conversions Part 1

Format	Color
Hex	B1FEFE
RGB	177, 254, 254
RGB Percent	69%, 100%, 100%
CMY	0.3047, 0.0028, 0.0028
CMYK	0.30, 0.00, 0.00, 0.00
HSL	180°, 98%, 85%
HSV	180°, 30%, 100%
XYZ	71.6654, 87.6183, 107.1397
YIQ	230.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

Format	Color
R_{YB}	177, 216, 254
Decimal	11665150
CIE Lab	95.00, -23.36, -7.55
CIE LCh	95, 24.551, 197.904
Yxy	87.6183, 0.2690, 0.3289
Android (android.graphics.Color)	4289855230 (0xFFB1FEFE)
YUV	230.9770, 11.3503, -47.3378
Hunter-Lab	93.6047, -27.1454, -2.3399

Details

The CIELCh color **95, 24.551, 197.904** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 30.275, 21.982**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **75, 24.599, 197.578** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.258, 197.490**, and if you desaturate by 10%, it is **96, 17.050, 198.372**.

Distribution



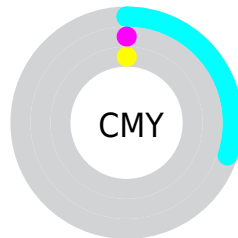
- Red (69%)
- Green (100%)
- Blue (100%)



- Red (69%)
- Yellow (85%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (30%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 24.551, 197.904 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, 24.551, 197.904 by changing the saturation by 10% instead.


 95, 24.551,
197.904

 95, 24.551,
197.904

 100, 24.551,
197.904


 85, 24.551,
197.904

 75, 24.551,
197.904

 65, 24.551,
197.904

 55, 24.551,
197.904

 45, 24.551,
197.904

 35, 24.551,
197.904

 25, 24.551,

197.904

■ 15, 24.551,
197.904

■ 5, 24.551, 197.904

■ 95, 24.551,
197.904

■ 95, 24.551,
197.904

■ 94, 31.258,
197.490

■ 96, 17.050,
198.372

■ 93, 37.033,
197.143

■ 98, 8.899, 198.916

■ 92, 41.767,
196.864

100, 0.243,
202.115

■ 92, 45.395,
196.652

100, 0.251, 16.791

100, 0.251, 16.795

■ 91, 47.910,
196.507

100, 0.251, 16.799

100, 0.251, 16.802

■ 91, 49.378,
196.423

100, 0.251, 16.806

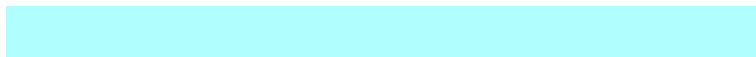
■ 91, 50.009,
196.387

100, 0.251, 16.810

Harmonies

Complementary

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



95, 24.551, 197.904



80, 30.275, 21.982

Rectangle

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



95, 24.551, 197.904



95, 24.551, 247.904



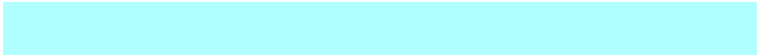
95, 24.551, 17.904



95, 24.551, 67.904

Sweetspot

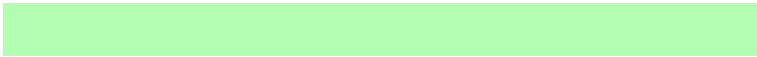
The Sweet Spot groups the original color and five complimentary colors.



95, 24.551, 197.900



98, 7.839, 198.994



93, 48.228, 142.293



52, 5.426, 198.905



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, 24.551, 197.900



95, 28.561, 197.658



85, 23.215, 260.249



52, 4.945, 198.963



70, 40.365, 196.387



24, 18.570, 196.386

Inverse Universe

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



82, 48.215, 326.095



79, 57.220, 326.393



89, 25.268, 71.616



50, 9.057, 324.947



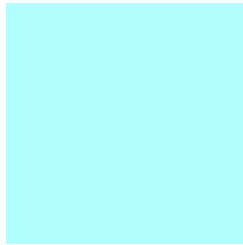
45, 93.083, 328.233



12, 42.822, 328.233

Previews

White Background



This preview shows how the CIE LCh color 95, 24.551, 197.904 looks on a white background.

Color Contrast Check

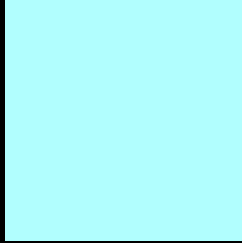
Large Text (above 18pt) WCAG AA × Fail

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 95, 24.551, 197.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

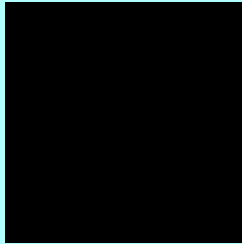
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

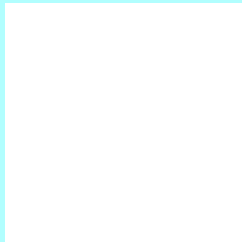
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 24.551, 197.904

Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.551, 197.904.

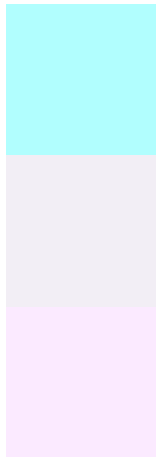


This preview shows how white text looks on a background with the CIELCh color 95, 24.551, 197.904.

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, 24.558, 197.899

Protanopia
95, 3.889, 311.601

Deuteranopia
95, 12.381, 319.444

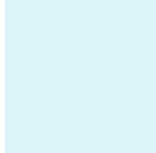


Tritanopia
95, 11.166, 226.392

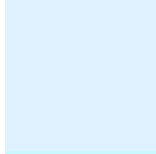
Trichromacy



Original Color
95, 24.558, 197.899



Protanomaly
94, 9.042, 212.111

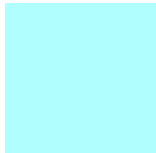


Deuteranomaly
94, 9.112, 251.607

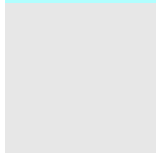


Tritanomaly
95, 15.785, 211.749

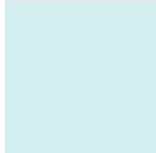
Monochromacy



Original Color
95, 24.558, 197.899



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 9.613, 198.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.551, 197.904 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(177, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(177, 254, 254)  
}
```

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(177, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 254, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.551, 197.904 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(177, 254, 254) }
```

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

```
.border{ border-color:rgb(177, 254, 254) }
```

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

Here you see how a box with a 4 pixel rgb(177, 254, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(177, 254,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.551, 197.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 254, 254) }
```

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

```
.background{ background-color: rgb(177,  
254, 254) }
```

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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