

Converting Colors

CIELCh(95, 9.317, 206.902)

Have a look what the booklet for
CIELCh(95, 9.317, 206.902) contains.

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Color

CIELCh(95, 9.238, 205.291)

Conversions

Conversions Part 1

Format	Color
Hex	DBF6F8
RGB	219, 246, 248
RGB Percent	86%, 96%, 97%
CMY	0.1418, 0.0359, 0.0281
CMYK	0.12, 0.01, 0.00, 0.03
HSL	184°, 67%, 92%
HSV	184°, 12%, 97%
XYZ	78.9928, 87.6183, 101.4261
YIQ	238.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

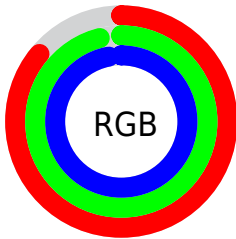
Format	Color
R _Y B	219, 233, 248
Decimal	14415608
CIE Lab	95.00, -8.35, -3.95
CIE LCh	95, 9.238, 205.291
Yxy	87.6183, 0.2947, 0.3269
Android (android.graphics.Color)	4292605688 (0xFFDBF6F8)
YUV	238.1550, 4.8536, -16.7989
Hunter-Lab	93.6047, -13.1724, 1.2791

Details

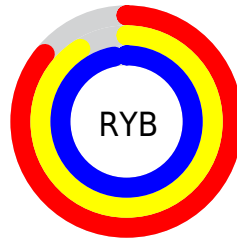
The CIELCh color `95, 9.238, 205.291` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `90, 9.978, 25.966`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 9.267, 205.464` is the 20% darker color. If you saturate the color by 10%, you get `93, 16.612, 205.034`, and if you desaturate by 10%, it is `97, 1.376, 205.971`.

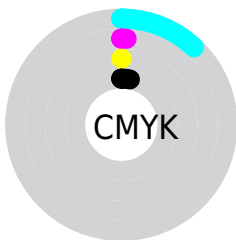
Distribution



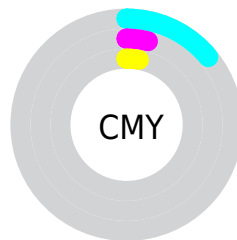
- Red (86%)
- Green (96%)
- Blue (97%)



- Red (86%)
- Yellow (91%)
- Blue (97%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (4%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.238, 205.291 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, 9.238, 205.291 by changing the saturation by 10% instead.

 95, 9.238, 205.291

 95, 9.238, 205.291

 100, 9.238,
205.291

 85, 9.238, 205.291

 75, 9.238, 205.291

 65, 9.238, 205.291

 55, 9.238, 205.291

 45, 9.238, 205.291

 35, 9.238, 205.291

 25, 9.238, 205.291

 15, 9.238, 205.291

 5, 9.238, 205.291

95, 9.238, 205.291

95, 9.238, 205.291

93, 16.612,
205.034

97, 1.376, 205.971

91, 23.365,
204.904

98, 2.140, 38.870

99, 2.113, 67.666

90, 29.361,
204.894

99, 2.568, 91.300

88, 34.473,
205.024

100, 3.309,
106.101

87, 38.594,
205.320

100, 3.619,
109.886

86, 41.656,
205.804

85, 43.649,
206.503

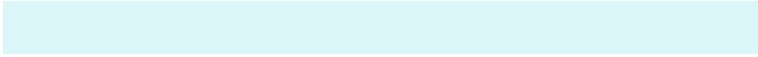
84, 44.640,
207.434

■ 84, 44.874,
208.368

Harmonies

Complementary

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



95, 9.238, 205.291



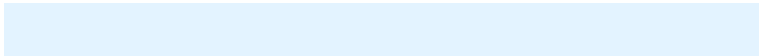
90, 9.978, 25.966

Rectangle

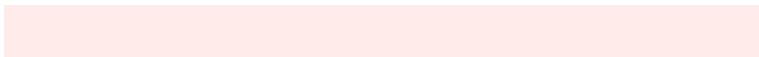
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



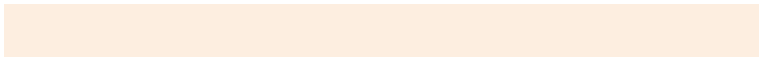
95, 9.238, 205.291



95, 9.238, 255.291



95, 9.238, 25.291



95, 9.238, 75.291

Sweetspot

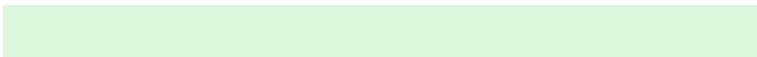
The Sweet Spot groups the original color and five complimentary colors.



95, 9.239, 205.279



99, 3.297, 205.626



95, 17.395, 145.578



53, 2.339, 205.572



0, 0.000, 0.000



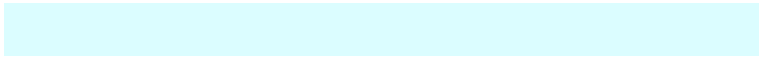
53, 0.007, 296.813

Same Dimension

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



95, 9.239, 205.279



97, 11.239, 205.211



91, 9.441, 263.923



51, 4.546, 205.352



65, 36.608, 208.151



21, 16.719, 206.540

Inverse Universe

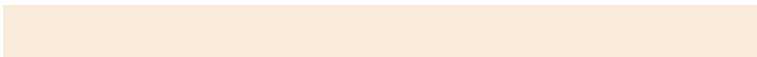
The Inverse Universe completely reimagines the original color for something new.



90, 17.397, 326.998



91, 21.328, 327.135



94, 9.601, 80.744



49, 8.499, 326.867



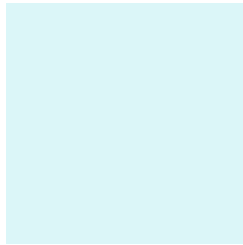
44, 87.305, 331.180



11, 39.771, 330.784

Previews

White Background



This preview shows how the CIELCh color 95, 9.238, 205.291 looks on a white background.

Color Contrast Check

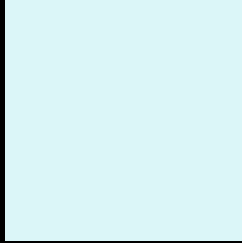
Large Text (above 18pt) WCAG AA × Fail

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, 9.238, 205.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

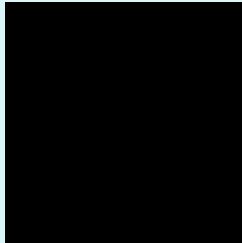
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

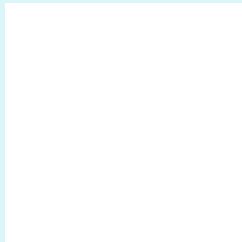
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.238, 205.291

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.238, 205.291.

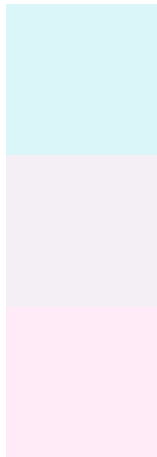


This preview shows how white text looks on a background with the CIELCh color 95, 9.238, 205.291.

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, 9.238, 205.291

Protanopia

95, 2.953, 318.821

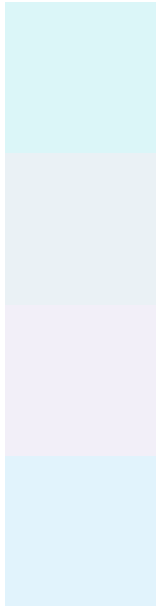
Deuteranopia

95, 9.757, 336.903



Tritanopia
95, 7.933, 256.823

Trichromacy



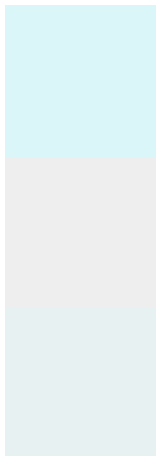
Original Color
95, 9.238, 205.291

Protanomaly
95, 3.164, 240.050

Deuteranomaly
95, 4.764, 303.231

Tritanomaly
95, 7.598, 236.749

Monochromacy



Original Color
95, 9.238, 205.291

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.517, 207.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.238, 205.291 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(219, 246, 248)` looks like.

```
.text, #text, p{  
    color:rgb(219, 246, 248)  
}
```

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(219, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 246, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.238, 205.291 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(219, 246, 248) }
```

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

```
.border{ border-color:rgb(219, 246, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 246, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(219, 246,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.238, 205.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 246, 248) }
```

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

```
.background{ background-color: rgb(219,  
246, 248) }
```

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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