

Converting Colors

CIE LCh(97, 8.230, 203.518)

Have a look what the booklet for
CIELCh(97, 8.230, 203.518) contains.

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Color

CIE LCh(97, 8.201, 202.550)

Conversions

Conversions Part 1

Format	Color
Hex	E3FBFC
RGB	227, 251, 252
RGB Percent	89%, 98%, 99%
CMY	0.1094, 0.0153, 0.0114
CMYK	0.10, 0.00, 0.00, 0.01
HSL	182°, 81%, 94%
HSV	182°, 10%, 99%
XYZ	83.8264, 92.4403, 105.6052
YIQ	243.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

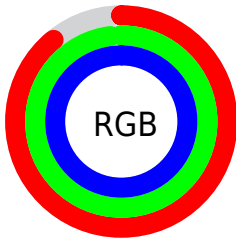
Format	Color
R_{YB}	227, 239, 252
Decimal	14941180
CIE _{Lab}	97.00, -7.57, -3.14
CIE _{LCh}	97, 8.201, 202.550
Yxy	92.4403, 0.2974, 0.3280
Android (android.graphics.Color)	4293131260 (0xFFE3FBFC)
YUV	243.9380, 3.9746, -14.8546
Hunter-Lab	96.1459, -12.6272, 2.1789

Details

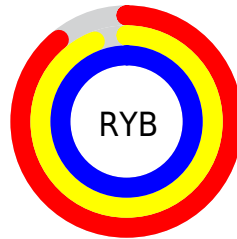
The CIELCh color `97, 8.201, 202.550` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 8.746, 23.292`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 8.199, 202.611` is the 20% darker color. If you saturate the color by 10%, you get `95, 15.990, 202.143`, and if you desaturate by 10%, it is `99, 0.072, 13.643`.

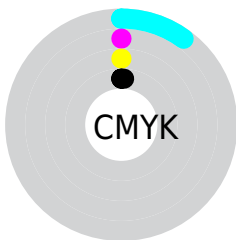
Distribution



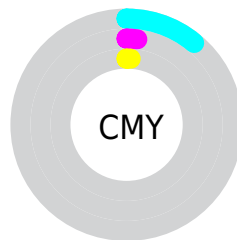
- Red (89%)
- Green (98%)
- Blue (99%)



- Red (89%)
- Yellow (94%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (2%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 8.201, 202.550 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 97, 8.201, 202.550 by changing the saturation by 10% instead.

 97, 8.201, 202.550

 97, 8.201, 202.550

 100, 8.201,
202.550

 87, 8.201, 202.550

 77, 8.201, 202.550

 67, 8.201, 202.550

 57, 8.201, 202.550

 47, 8.201, 202.550

 37, 8.201, 202.550

 27, 8.201, 202.550

 17, 8.201, 202.550

 7, 8.201, 202.550

97, 8.201, 202.550

97, 8.201, 202.550

95, 15.990,
202.143

99, 0.072, 13.643

94, 23.157,
201.848

99, 0.826, 56.952

92, 29.563,
201.645

100, 1.055, 93.067

100, 1.457,
110.016

91, 35.073,
201.546

90, 39.575,
201.564

89, 42.993,
201.713

88, 45.311,
202.005

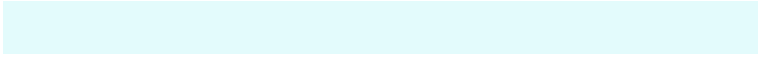
88, 46.585,
202.447

■ 87, 47.018,
203.026

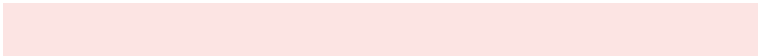
Harmonies

Complementary

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



97, 8.201, 202.550



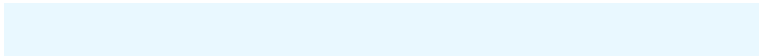
92, 8.746, 23.292

Rectangle

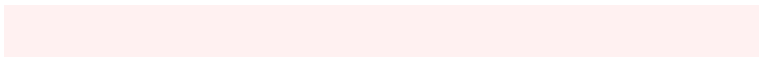
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



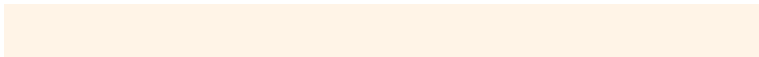
97, 8.201, 202.550



97, 8.201, 252.550



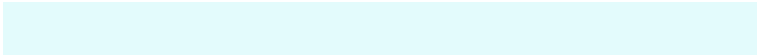
97, 8.201, 22.550



97, 8.201, 72.550

Sweetspot

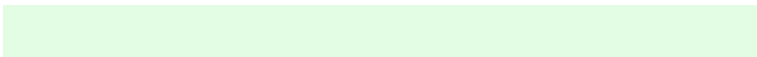
The Sweet Spot groups the original color and five complimentary colors.



97, 8.202, 202.536



99, 2.547, 202.996



97, 15.282, 144.765



53, 1.927, 202.907



0, 0.000, 0.000



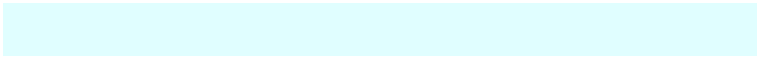
53, 0.007, 296.813

Same Dimension

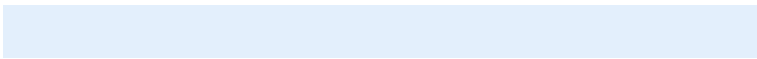
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 8.202, 202.536



98, 9.960, 202.443



94, 7.866, 260.326



51, 4.673, 202.556



67, 37.855, 202.908



22, 17.237, 202.042

Inverse Universe

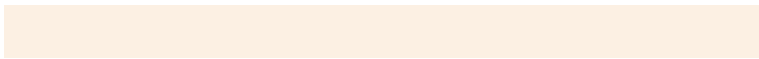
The Inverse Universe completely reimagines the original color for something new.



93, 15.238, 326.060



93, 18.630, 326.182



96, 8.012, 77.642



49, 8.670, 326.035



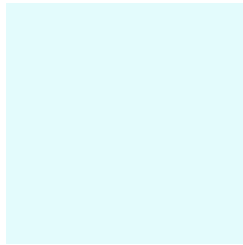
44, 89.319, 329.884



11, 40.572, 329.668

Previews

White Background



This preview shows how the CIELCh color 97, 8.201, 202.550 looks on a white background.

Color Contrast Check

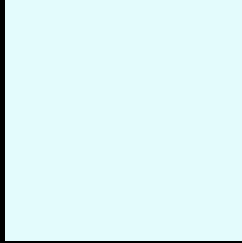
Large Text (above 18pt) WCAG AA × Fail

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 97, 8.201, 202.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

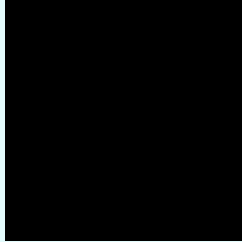
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 8.201, 202.550

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.201, 202.550.

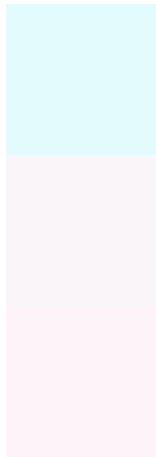


This preview shows how white text looks on a background with the CIELCh color 97, 8.201, 202.550.

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

97, 8.201, 202.550

Protanopia

97, 2.353, 338.595

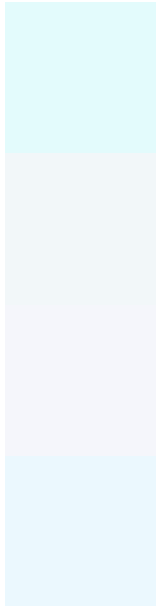
Deuteranopia

97, 5.567, 339.698



Tritanopia
97, 4.715, 259.792

Trichromacy



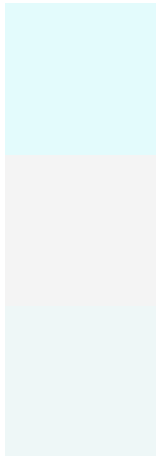
Original Color
97, 8.201, 202.550

Protanomaly
97, 2.009, 230.267

Deuteranomaly
97, 2.584, 282.663

Tritanomaly
97, 5.366, 234.231

Monochromacy



Original Color
97, 8.201, 202.550

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 3.132, 199.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.201, 202.550 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(227, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 251, 252)  
}
```

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(227, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 251, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.201, 202.550 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(227, 251, 252) }
```

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

```
.border{ border-color:rgb(227, 251, 252) }
```

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

Here you see how a box with a 4 pixel rgb(227, 251, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 251,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.201, 202.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 251, 252) }
```

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

```
.background{ background-color: rgb(227,  
251, 252) }
```

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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