

Converting Colors

CIELCh(91, 9.948, 201.802)

Have a look what the booklet for
CIELCh(91, 9.948, 201.802) contains.

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Color

CIELCh(91, 9.954, 201.800)

Conversions

Conversions Part 1

Format	Color
Hex	CEEDEC
RGB	206, 235, 236
RGB Percent	81%, 92%, 93%
CMY	0.1927, 0.0790, 0.0751
CMYK	0.13, 0.00, 0.00, 0.08
HSL	182°, 44%, 87%
HSV	182°, 13%, 92%
XYZ	70.2008, 78.4833, 90.6956
YIQ	226.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

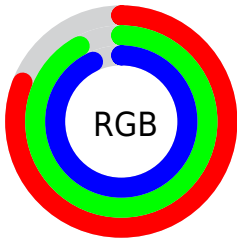
Format	Color
R _{YB}	206, 221, 236
Decimal	13560812
CIE Lab	91.00, -9.24, -3.70
CIE LCh	91, 9.954, 201.800
Yxy	78.4833, 0.2933, 0.3279
Android (android.graphics.Color)	4291750892 (0xFFCEEDEC)
YUV	226.4430, 4.7116, -17.9285
Hunter-Lab	88.5908, -13.5876, 1.3150

Details

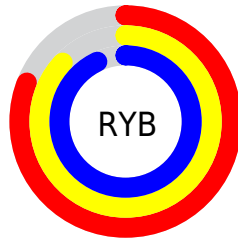
The CIELCh color **91, 9.954, 201.800** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 10.815, 22.913**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 10.020, 201.778** is the 20% darker color. If you saturate the color by 10%, you get **89, 17.234, 201.400**, and if you desaturate by 10%, it is **93, 2.181, 202.434**.

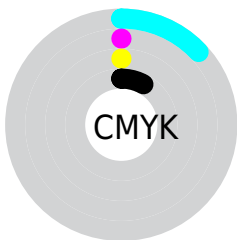
Distribution



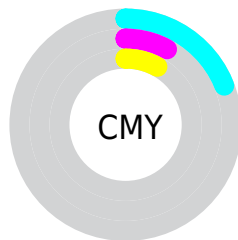
- Red (81%)
- Green (92%)
- Blue (93%)



- Red (81%)
- Yellow (87%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.954, 201.800 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 91, 9.954, 201.800 by changing the saturation by 10% instead.

91, 9.954, 201.800

91, 9.954, 201.800

100, 9.954,
201.800

81, 9.954, 201.800

71, 9.954, 201.800

61, 9.954, 201.800

51, 9.954, 201.800

41, 9.954, 201.800

31, 9.954, 201.800

21, 9.954, 201.800

11, 9.954, 201.800

1, 9.954, 201.800

91, 9.954, 201.800

91, 9.954, 201.800

89, 17.234,
201.400

93, 2.181, 202.434

88, 23.888,
201.098

95, 5.967, 22.505

87, 29.784,
200.883

95, 6.429, 25.911

86, 34.800,
200.768

96, 6.011, 34.042

85, 38.838,
200.762

96, 5.853, 38.494

84, 41.841,
200.879

96, 5.732, 43.163

83, 43.810,
201.124

96, 5.651, 47.997

83, 44.818,
201.503

96, 5.612, 52.932

■ 83, 45.102,
201.847

Harmonies

Complementary

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



91, 9.954, 201.800



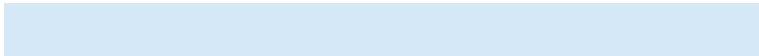
85, 10.815, 22.913

Rectangle

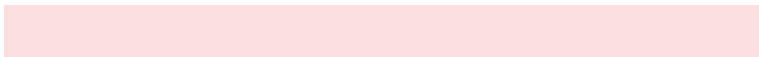
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 9.954, 201.800



91, 9.954, 251.800



91, 9.954, 21.800



91, 9.954, 71.800

Sweetspot

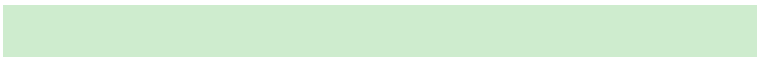
The Sweet Spot groups the original color and five complimentary colors.



91, 9.955, 201.789



99, 3.410, 202.284



91, 18.812, 144.124



53, 2.419, 202.220



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 9.955, 201.789



97, 12.424, 201.689



87, 9.408, 258.976



48, 4.467, 201.941



65, 37.024, 201.751



19, 15.955, 200.932

Inverse Universe

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



86, 18.624, 326.034



91, 23.425, 326.169



89, 9.678, 75.578



46, 8.269, 325.846



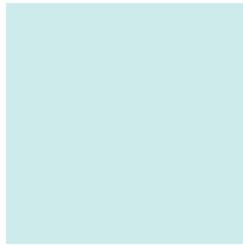
43, 87.072, 329.595



9, 37.428, 329.390

Previews

White Background



This preview shows how the CIE LCh color 91, 9.954, 201.800 looks on a white background.

Color Contrast Check

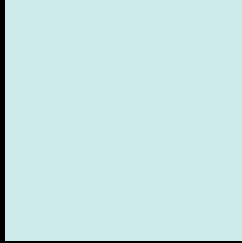
Large Text (above 18pt) WCAG AA × Fail

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 91, 9.954, 201.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

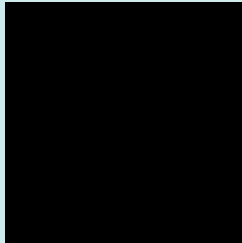
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

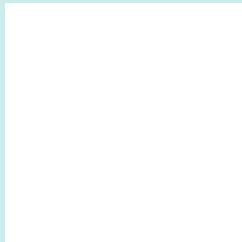
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.954, 201.800

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.954, 201.800.

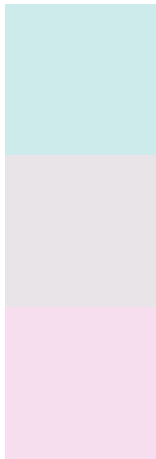


This preview shows how white text looks on a background with the CIELCh color 91, 9.954, 201.800.

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
91, 9.954, 201.800

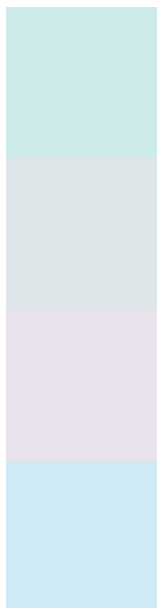
Protanopia
91, 2.536, 324.423

Deuteranopia
91, 12.208, 337.526



Tritanopia
91, 12.140, 249.501

Trichromacy



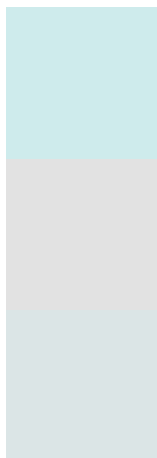
Original Color
91, 9.954, 201.800

Protanomaly
91, 3.190, 228.651

Deuteranomaly
91, 5.508, 309.229

Tritanomaly
91, 10.352, 232.492

Monochromacy



Original Color
91, 9.954, 201.800

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.549, 207.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.954, 201.800 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(206, 235, 236)` looks like.

```
.text, #text, p{  
    color:rgb(206, 235, 236)  
}
```

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(206, 235, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 235, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.954, 201.800 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(206, 235, 236) }
```

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

```
.border{ border-color:rgb(206, 235, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 235, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 235, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 235, 236);  
box-shadow:4px 4px 4px 4px rgb(206, 235,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.954, 201.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 235, 236) }
```

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

```
.background{ background-color: rgb(206,  
235, 236) }
```

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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