

Converting Colors

CIE LCh(91, 9.623, 201.927)

Have a look what the booklet for
CIELCh(91, 9.623, 201.927) contains.

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Color

CIELCh(91, 9.623, 201.927)

Conversions

Conversions Part 1

Format	Color
Hex	CFEBEC
RGB	207, 235, 236
RGB Percent	81%, 92%, 93%
CMY	0.1895, 0.0797, 0.0758
CMYK	0.12, 0.00, 0.00, 0.08
HSL	182°, 43%, 87%
HSV	182°, 12%, 92%
XYZ	70.3478, 78.4833, 90.5465
YIQ	226.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

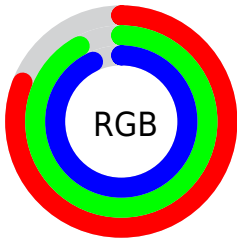
Format	Color
R _Y B	207, 221, 236
Decimal	13626348
CIE Lab	91.00, -8.93, -3.59
CIE LCh	91, 9.623, 201.927
Yxy	78.4833, 0.2939, 0.3279
Android (android.graphics.Color)	4291816428 (0xFFCFEBEC)
YUV	226.7420, 4.5642, -17.3137
Hunter-Lab	88.5908, -13.2914, 1.4147

Details

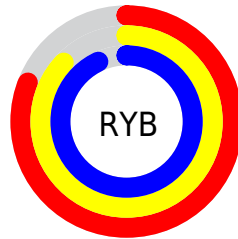
The CIELCh color **91, 9.623, 201.927** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 10.426, 22.982**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 9.679, 201.917** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.913, 201.528**, and if you desaturate by 10%, it is **93, 1.846, 202.608**.

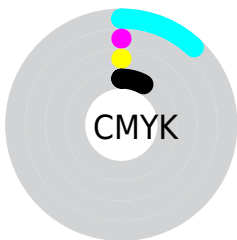
Distribution



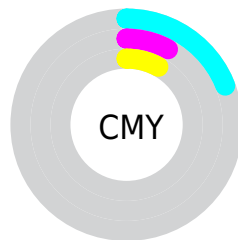
- Red (81%)
- Green (92%)
- Blue (93%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.623, 201.927 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, 9.623, 201.927 by changing the saturation by 10% instead.

■ 91, 9.623, 201.927

■ 91, 9.623, 201.927

■ 100, 9.623,
201.927

■ 81, 9.623, 201.927

■ 71, 9.623, 201.927

■ 61, 9.623, 201.927

■ 51, 9.623, 201.927

■ 41, 9.623, 201.927

■ 31, 9.623, 201.927

■ 21, 9.623, 201.927

■ 11, 9.623, 201.927

■ 1, 9.623, 201.927

91, 9.623, 201.927

91, 9.623, 201.927

89, 16.913,
201.528

93, 1.846, 202.608

88, 23.584,
201.227

95, 6.300, 22.631

87, 29.503,
201.015

95, 6.473, 26.235

85, 34.548,
200.903

96, 6.048, 34.617

85, 38.619,
200.903

96, 5.890, 39.209

84, 41.658,
201.025

96, 5.772, 44.020

83, 43.663,
201.279

96, 5.696, 48.994

83, 44.703,
201.669

96, 5.665, 54.059

■ 83, 45.007,
202.046

Harmonies

Complementary

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



91, 9.623, 201.927



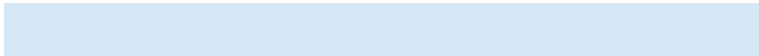
86, 10.426, 22.982

Rectangle

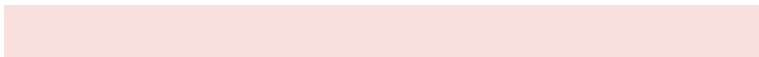
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



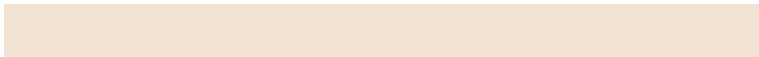
91, 9.623, 201.927



91, 9.623, 251.927



91, 9.623, 21.927



91, 9.623, 71.927

Sweetspot

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



91, 9.624, 201.916



99, 3.406, 202.389



91, 17.976, 144.605



53, 2.417, 202.325



0, 0.000, 0.000



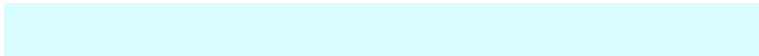
53, 0.007, 296.813

Same Dimension

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



91, 9.624, 201.916



97, 12.410, 201.799



87, 9.233, 260.664



48, 4.462, 202.048



65, 36.969, 201.947



19, 15.934, 201.097

Inverse Universe

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



86, 17.987, 326.043



91, 23.406, 326.201



89, 9.457, 77.353



46, 8.262, 325.878



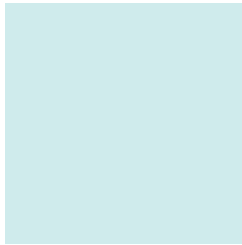
43, 86.993, 329.644



9, 37.399, 329.431

Previews

White Background



This preview shows how the CIELCh color 91, 9.623, 201.927 looks on a white background.

Color Contrast Check

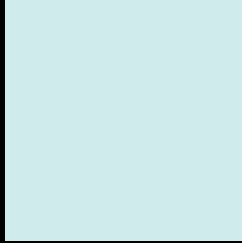
Large Text (above 18pt) WCAG AA × Fail

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, 9.623, 201.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

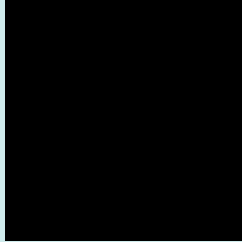
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

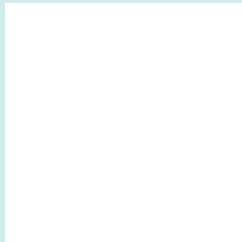
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.623, 201.927

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.623, 201.927.

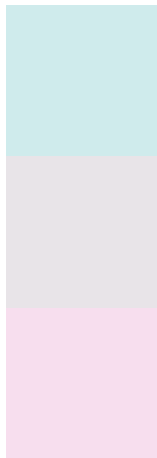


This preview shows how white text looks on a background with the CIELCh color 91, 9.623, 201.927.

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, 9.623, 201.927

Protanopia

91, 2.536, 324.423

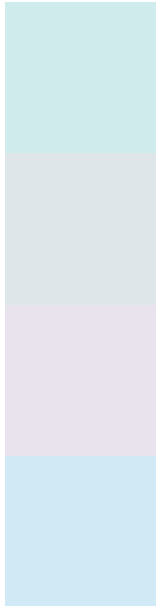
Deuteranopia

91, 12.208, 337.526



Tritanopia
91, 12.333, 252.360

Trichromacy



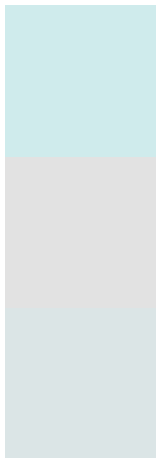
Original Color
91, 9.623, 201.927

Protanomaly
91, 2.892, 232.055

Deuteranomaly
91, 5.508, 309.229

Tritanomaly
91, 10.363, 236.023

Monochromacy



Original Color
91, 9.623, 201.927

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, 9.623, 201.927 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(207, 235, 236)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 235, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 235, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.623, 201.927 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(207, 235, 236) }
```

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

```
.border{ border-color:rgb(207, 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(207, 235, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 235, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 235, 236); box-shadow:4px 4px 4px 4px rgb(207, 235, 236) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.623, 201.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 235, 236) }
```

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

```
.background{ background-color: rgb(207,  
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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