

Converting Colors

CIELCh(91, 19.262, 205.835)

Have a look what the booklet for
CIELCh(91, 19.262, 205.835)
contains.

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Color

CIELCh(91, 19.336, 205.964)

Conversions

Conversions Part 1

Format	Color
Hex	B5F0F5
RGB	181, 240, 245
RGB Percent	71%, 94%, 96%
CMY	0.2914, 0.0601, 0.0405
CMYK	0.26, 0.02, 0.00, 0.04
HSL	185°, 76%, 83%
HSV	185°, 26%, 96%
XYZ	66.4747, 78.4833, 97.7670
YIQ	222.9290, -36.7690, -10.9530

Conversions

Conversions Part 2

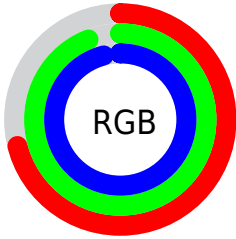
Format	Color
RYB	181, 212, 245
Decimal	11923701
CIELab	91.00, -17.38, -8.47
CIELCh	91, 19.336, 205.964
Yxy	78.4833, 0.2739, 0.3233
Android (android.graphics.Color)	4290113781 (0xFFB5F0F5)
YUV	222.9290, 10.8810, -36.7717
Hunter-Lab	88.5908, -21.0953, -3.4176

Details

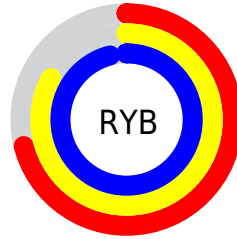
The CIELCh color **91, 19.336, 205.964** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 23.239, 27.696**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **71, 19.436, 206.073** is the 20% darker color. If you saturate the color by 10%, you get **89, 25.650, 205.934**, and if you desaturate by 10%, it is **93, 12.356, 206.106**.

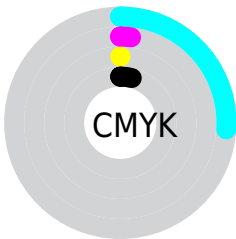
Distribution



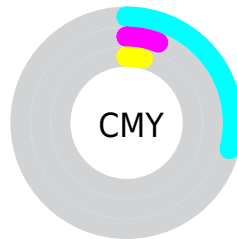
- Red (71%)
- Green (94%)
- Blue (96%)



- Red (71%)
- Yellow (83%)
- Blue (96%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 19.336, 205.964 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, 19.336, 205.964 by changing the saturation by 10% instead.

■ 91, 19.336,
205.964

■ 91, 19.336,
205.964

■ 100, 19.336,
205.964

■ 81, 19.336,
205.964

■ 71, 19.336,
205.964

■ 61, 19.336,
205.964

■ 51, 19.336,
205.964

■ 41, 19.336,
205.964

■ 31, 19.336,
205.964

■ 21, 19.336,

205.964

■ 11, 19.336,
205.964

■ 1, 19.336, 205.964

■ 91, 19.336,
205.964

■ 91, 19.336,
205.964

■ 89, 25.650,
205.934

■ 93, 12.356,
206.106

■ 88, 31.164,
206.047

■ 95, 4.839, 206.403

■ 86, 35.760,
206.325

■ 97, 3.093, 26.346

■ 85, 39.347,
206.794

■ 98, 3.024, 45.760

■ 98, 3.071, 68.161

84, 41.880,
207.486

99, 3.539, 87.136

83, 43.380,
208.427

99, 4.291, 100.558

82, 43.952,
209.635

100, 5.205,
109.610

82, 44.027,
210.148

100, 5.226,
109.773

Harmonies

Complementary

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



91, 19.336, 205.964



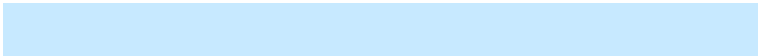
81, 23.239, 27.696

Rectangle

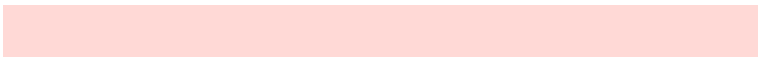
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 19.336, 205.964



91, 19.336, 255.964



91, 19.336, 25.964



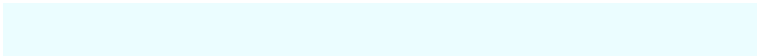
91, 19.336, 75.964

Sweetspot

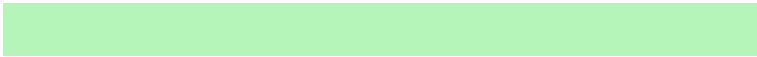
The Sweet Spot groups the original color and five complimentary colors.



91, 19.336, 205.959



98, 6.475, 206.327



91, 38.624, 144.462



52, 4.583, 206.275



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, 19.336, 205.959



93, 23.248, 205.931



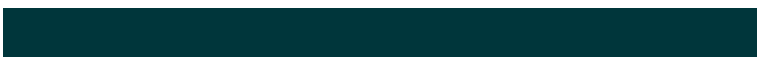
83, 20.893, 266.358



50, 4.433, 206.276



64, 35.906, 209.893



20, 16.132, 207.936

Inverse Universe

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



81, 38.354, 328.121



81, 46.929, 328.406



88, 21.807, 78.853



48, 8.303, 327.139



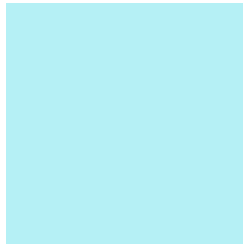
43, 85.805, 331.608



10, 38.460, 331.128

Previews

White Background



This preview shows how the CIE LCh color 91, 19.336, 205.964 looks on a white background.

Color Contrast Check

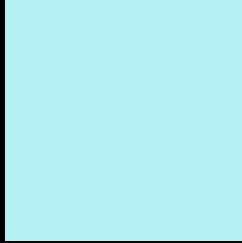
Large Text (above 18pt) WCAG AA × Fail

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, 19.336, 205.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

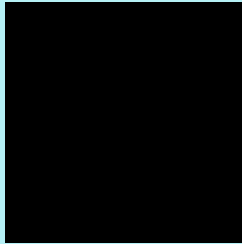
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 19.336, 205.964

Background



This preview shows how black text looks on a background with the CIELCh color 91, 19.336, 205.964.

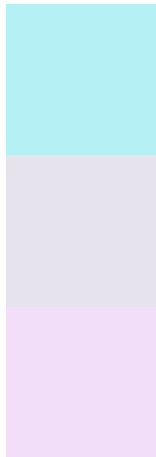


This preview shows how white text looks on a background with the CIELCh color 91, 19.336, 205.964.

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, 19.336, 205.964

Protanopia

91, 5.317, 302.035

Deuteranopia

91, 15.268, 318.324

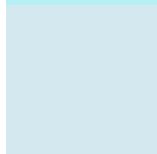


Tritanopia
91, 18.335, 229.312

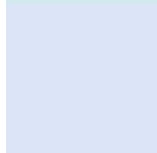
Trichromacy



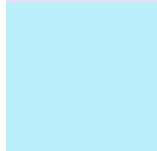
Original Color
91, 19.336, 205.964



Protanomaly
91, 7.934, 230.697



Deuteranomaly
91, 10.181, 275.425

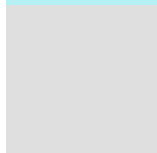


Tritanomaly
91, 18.234, 220.236

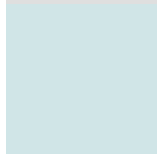
Monochromacy



Original Color
91, 19.336, 205.964



Achromatopsia
89, 0.011, 296.813



Achromatomaly
89, 7.342, 207.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 19.336, 205.964 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(181, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(181, 240, 245)  
}
```

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(181, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 240, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 19.336, 205.964 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(181, 240, 245) }
```

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

```
.border{ border-color:rgb(181, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(181, 240,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 19.336, 205.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 240, 245) }
```

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

```
.background{ background-color: rgb(181,  
240, 245) }
```

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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