

Converting Colors

CIELCh(91, 18.701, 164.528)

Have a look what the booklet for
CIELCh(91, 18.701, 164.528)
contains.

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Color

CIELCh(91, 18.701, 164.528)

Conversions

Conversions Part 1

Format	Color
Hex	C3EFDB
RGB	195, 239, 219
RGB Percent	76%, 94%, 86%
CMY	0.2351, 0.0626, 0.1410
CMYK	0.18, 0.00, 0.08, 0.06
HSL	153°, 58%, 85%
HSV	153°, 18%, 94%
XYZ	66.1880, 78.4833, 78.7081
YIQ	223.5640, -19.8040, -15.5480

Conversions

Conversions Part 2

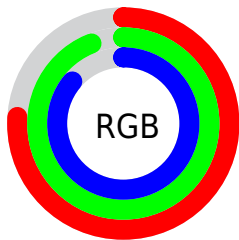
Format	Color
R_{YB}	195, 223, 239
Decimal	12840923
CIE Lab	91.00, -18.02, 4.99
CIE LCh	91, 18.701, 164.528
Yxy	78.4833, 0.2963, 0.3513
Android (android.graphics.Color)	4291031003 (0xFFC3EFDB)
YUV	223.5640, -2.2501, -25.0506
Hunter-Lab	88.5908, -21.6729, 9.3376

Details

The CIELCh color **91, 18.701, 164.528** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 19.247, 347.845**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **71, 18.694, 164.223** is the 20% darker color. If you saturate the color by 10%, you get **89, 28.667, 163.470**, and if you desaturate by 10%, it is **93, 8.560, 165.500**.

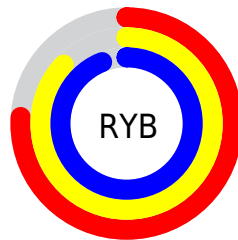
Distribution



Red (76%)

Green (94%)

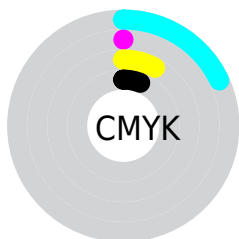
Blue (86%)



Red (76%)

Yellow (87%)

Blue (94%)

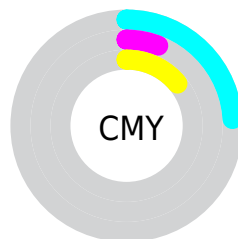


Cyan (18%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (24%)


Magenta (6%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 18.701, 164.528 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, 18.701, 164.528 by changing the saturation by 10% instead.


 91, 18.701,
164.528


 91, 18.701,
164.528


 100, 18.701,
164.528


 81, 18.701,
164.528


 71, 18.701,
164.528

 61, 18.701,
164.528

 51, 18.701,
164.528

 41, 18.701,
164.528

 31, 18.701,
164.528

 21, 18.701,

164.528

■ 11, 18.701,
164.528

■ 1, 18.701, 164.528

■ 91, 18.701,
164.528

■ 91, 18.701,
164.528

■ 89, 28.667,
163.470

■ 93, 8.560, 165.500

■ 88, 38.297,
162.296

■ 95, 1.628, 346.006

■ 96, 8.590, 331.240

■ 87, 47.421,
160.976

■ 96, 9.946, 324.756

■ 86, 55.866,
159.485

■ 85, 63.479,
157.799

■ 84, 70.156,
155.898

■ 84, 75.871,
153.783

■ 84, 80.720,
151.495

■ 84, 81.455,
151.137

Harmonies

Complementary

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



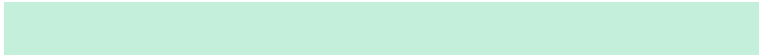
91, 18.701, 164.528



83, 19.247, 347.845

Rectangle

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



91, 18.701, 164.528



91, 18.701, 214.528



91, 18.701, 344.528



91, 18.701, 34.528

Sweetspot

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



91, 18.703, 164.526



99, 6.435, 165.735



92, 24.255, 129.404



53, 4.269, 165.669



0, 0.000, 0.000



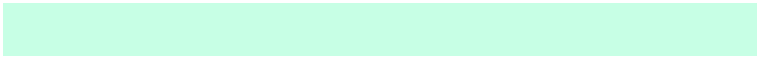
53, 0.007, 296.813

Same Dimension

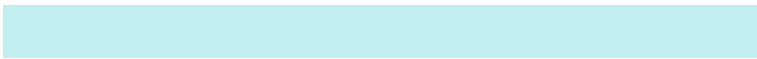
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 18.703, 164.526



96, 23.509, 164.150



91, 14.319, 201.567



49, 5.798, 165.397



66, 66.282, 151.557



20, 26.934, 155.330

Inverse Universe

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



83, 19.247, 347.845



86, 24.330, 348.234



83, 16.193, 23.345



47, 5.888, 346.955



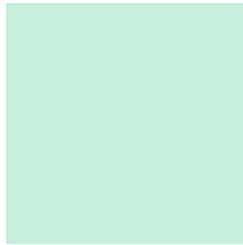
39, 65.964, 6.341



8, 29.089, 359.127

Previews

White Background



This preview shows how the CIELCh color 91, 18.701, 164.528 looks on a white background.

Color Contrast Check

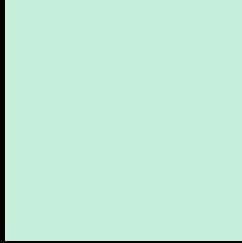
Large Text (above 18pt) WCAG AA × Fail

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 91, 18.701, 164.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

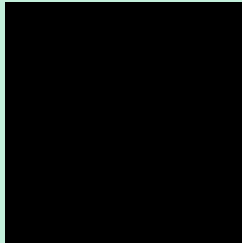
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

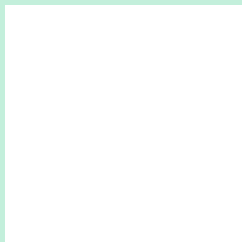
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 18.701, 164.528

Background



This preview shows how black text looks on a background with the CIELCh color 91, 18.701, 164.528.

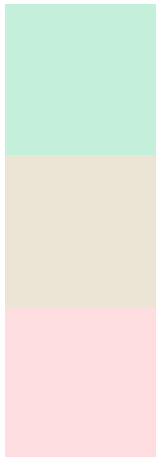


This preview shows how white text looks on a background with the CIELCh color 91, 18.701, 164.528.

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, 18.701, 164.528

Protanopia
91, 8.273, 88.692

Deuteranopia
91, 11.766, 15.188

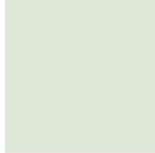


Tritanopia
91, 14.454, 242.064

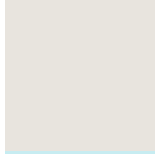
Trichromacy



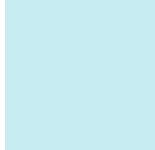
Original Color
91, 18.701, 164.528



Protanomaly
91, 9.681, 133.746



Deuteranomaly
91, 3.404, 84.782

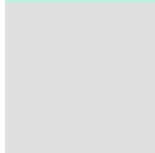


Tritanomaly
91, 12.667, 210.515

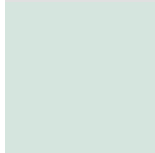
Monochromacy



Original Color
91, 18.701, 164.528



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 6.788, 166.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 18.701, 164.528 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(195, 239, 219)` looks like.

```
.text, #text, p{  
    color:rgb(195, 239, 219)  
}
```

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(195, 239, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 239, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 18.701, 164.528 is called "border". The border property can be set on classes, ids or directly on the HTML element.

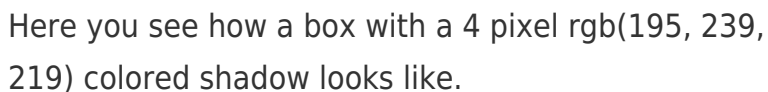
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 239, 219) }
```

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

```
.border{ border-color:rgb(195, 239, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 239, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 239, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 239, 219); box-shadow:4px 4px 4px 4px rgb(195, 239, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 18.701, 164.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 239, 219) }
```

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

```
.background{ background-color: rgb(195,  
239, 219) }
```

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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