

Converting Colors

CIELCh(91, 21.579, 153.227)

Have a look what the booklet for
CIELCh(91, 21.579, 153.227)
contains.

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Color

CIELCh(91, 21.326, 153.365)

Conversions

Conversions Part 1

Format	Color
Hex	C5EFD2
RGB	197, 239, 210
RGB Percent	77%, 94%, 82%
CMY	0.2263, 0.0616, 0.1753
CMYK	0.18, 0.00, 0.12, 0.06
HSL	139°, 57%, 86%
HSV	139°, 18%, 94%
XYZ	65.7233, 78.4833, 72.8459
YIQ	223.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

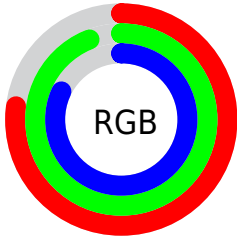
Format	Color
RYB	197, 229, 239
Decimal	12971986
CIELab	91.00, -19.06, 9.56
CIELCh	91, 21.326, 153.365
Yxy	78.4833, 0.3028, 0.3616
Android (android.graphics.Color)	4291162066 (0xFFC5EFD2)
YUV	223.1360, -6.4760, -22.9213
Hunter-Lab	88.5908, -22.6092, 13.2610

Details

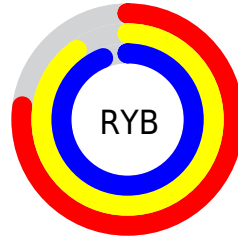
The CIELCh color **91, 21.326, 153.365** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 21.498, 335.901**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.347, 201.292**, and **71, 21.111, 153.642** is the 20% darker color. If you saturate the color by 10%, you get **89, 33.460, 152.448**, and if you desaturate by 10%, it is **93, 9.144, 154.181**.

Distribution



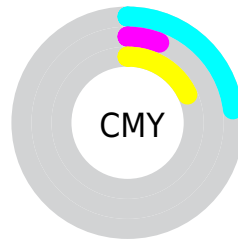
- Red (77%)
- Green (94%)
- Blue (82%)



- Red (77%)
- Yellow (90%)
- Blue (94%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (6%)





- Cyan (23%)
- Magenta (6%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 21.326, 153.365 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, 21.326, 153.365 by changing the saturation by 10% instead.


 91, 21.326,
153.365


 91, 21.326,
153.365


 100, 21.326,
153.365


 81, 21.326,
153.365


 71, 21.326,
153.365

 61, 21.326,
153.365

 51, 21.326,
153.365

 41, 21.326,
153.365

 31, 21.326,
153.365

 21, 21.326,

153.365

■ 11, 21.326,
153.365

■ 1, 21.326, 153.365

■ 91, 21.326,
153.365

■ 91, 21.326,
153.365

■ 89, 33.460,
152.448

■ 93, 9.144, 154.181

■ 88, 45.358,
151.398

■ 95, 2.949, 334.699

■ 96, 9.788, 324.750

■ 86, 56.809,
150.189

■ 85, 67.579,
148.801

■ 85, 77.438,
147.223

■ 84, 86.182,
145.458

■ 83, 93.669,
143.539

■ 83, 99.844,
141.547

■ 83, 101.197,
141.090

Harmonies

Complementary

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



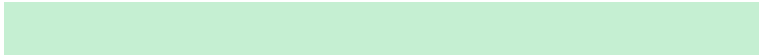
91, 21.326, 153.365



84, 21.498, 335.901

Rectangle

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



91, 21.326, 153.365



91, 21.326, 203.365



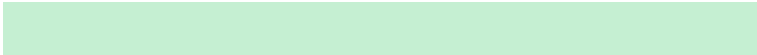
91, 21.326, 333.365



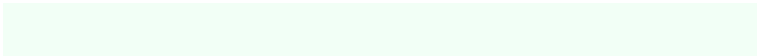
91, 21.326, 23.365

Sweetspot

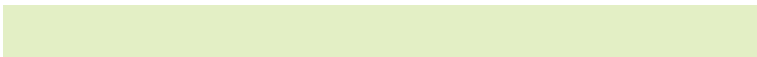
The Sweet Spot groups the original color and five complimentary colors.



91, 21.328, 153.364



99, 6.358, 154.387



93, 22.046, 120.786



53, 4.340, 154.329



0, 0.000, 0.000



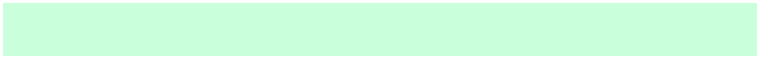
53, 0.007, 296.813

Same Dimension

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



91, 21.328, 153.364



96, 26.869, 153.056



91, 15.147, 181.687



49, 6.893, 154.028



65, 82.286, 141.447



20, 33.254, 144.880

Inverse Universe

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



84, 21.498, 335.901



87, 27.115, 336.171



83, 16.258, 4.986



47, 6.930, 335.294



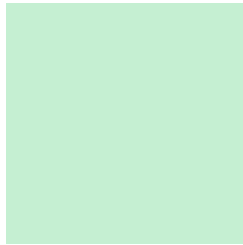
41, 71.703, 345.578



9, 32.192, 342.477

Previews

White Background



This preview shows how the CIE LCh color 91, 21.326, 153.365 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, 21.326, 153.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

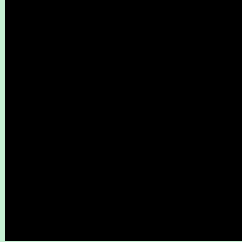
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

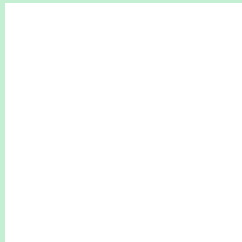
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 21.326, 153.365

Background



This preview shows how black text looks on a background with the CIELCh color 91, 21.326, 153.365.

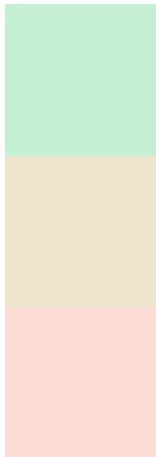


This preview shows how white text looks on a background with the CIELCh color 91, 21.326, 153.365.

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](#).

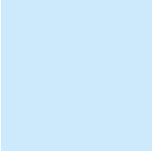
Dichromacy



Original Color
91, 21.326, 153.365

Protanopia
91, 12.935, 92.356

Deuteranopia
91, 13.024, 33.926

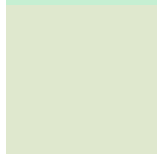


Tritanopia
91, 13.350, 246.774

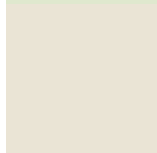
Trichromacy



Original Color
91, 21.326, 153.365



Protanomaly
91, 13.841, 122.932



Deuteranomaly
91, 8.044, 93.630

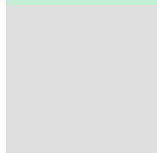


Tritanomaly
91, 11.272, 204.019

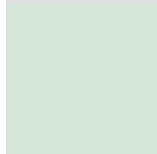
Monochromacy



Original Color
91, 21.326, 153.365



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 7.887, 152.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 21.326, 153.365 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(197, 239, 210)` looks like.

```
.text, #text, p{  
    color:rgb(197, 239, 210)  
}
```

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(197, 239, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 239, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 21.326, 153.365 is called "border". The border property can be set on classes, ids or directly on the HTML element.

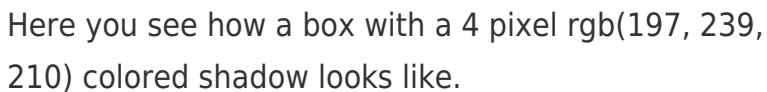
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 239, 210) }
```

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

```
.border{ border-color:rgb(197, 239, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 239, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 239, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 239, 210); box-shadow:4px 4px 4px 4px rgb(197, 239, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 21.326, 153.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 239, 210) }
```

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

```
.background{ background-color: rgb(197,  
239, 210) }
```

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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