

Converting Colors

CIELCh(91, 23.738, 179.975)

Have a look what the booklet for
CIELCh(91, 23.738, 179.975)
contains.

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Color

CIELCh(91, 23.738, 179.975)

Conversions

Conversions Part 1

Format	Color
Hex	AFF2E4
RGB	175, 242, 228
RGB Percent	69%, 95%, 89%
CMY	0.3124, 0.0496, 0.1045
CMYK	0.28, 0.00, 0.06, 0.05
HSL	167°, 73%, 82%
HSV	167°, 28%, 95%
XYZ	63.6605, 78.4833, 85.4406
YIQ	220.3710, -35.4380, -18.5580

Conversions

Conversions Part 2

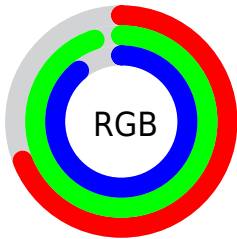
Format	Color
RYB	175, 212, 242
Decimal	11530980
CIELab	91.00, -23.74, 0.01
CIElCh	91, 23.738, 179.975
Yxy	78.4833, 0.2797, 0.3449
Android (android.graphics.Color)	4289721060 (0xFFAFF2E4)
YUV	220.3710, 3.7611, -39.7904
Hunter-Lab	88.5908, -26.7656, 4.8319

Details

The CIELCh color **91, 23.738, 179.975** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78, 26.555, 5.611**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **71, 23.944, 180.170** is the 20% darker color. If you saturate the color by 10%, you get **90, 31.499, 178.907**, and if you desaturate by 10%, it is **93, 15.455, 180.977**.

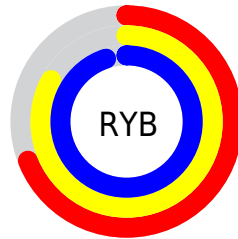
Distribution



Red (69%)

Green (95%)

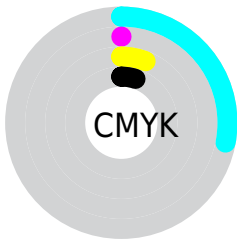
Blue (89%)



Red (69%)

Yellow (83%)

Blue (95%)

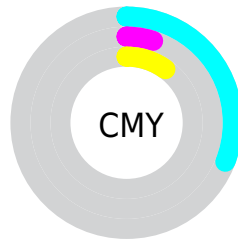


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (5%)



Cyan (31%)


Magenta (5%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 23.738, 179.975 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, 23.738, 179.975 by changing the saturation by 10% instead.


 91, 23.738,
179.975


 91, 23.738,
179.975


 100, 23.738,
179.975


 81, 23.738,
179.975

 71, 23.738,
179.975

 61, 23.738,
179.975

 51, 23.738,
179.975

 41, 23.738,
179.975

 31, 23.738,
179.975

 21, 23.738,

179.975

■ 11, 23.738,
179.975

■ 1, 23.738, 179.975

■ 91, 23.738,
179.975

■ 91, 23.738,
179.975

■ 90, 31.499,
178.907

■ 93, 15.455,
180.977

■ 89, 38.581,
177.760

■ 94, 6.794, 181.962

■ 88, 44.841,
176.510

■ 96, 2.112, 2.491

■ 87, 50.166,
175.133

■ 97, 5.518, 344.270

■ 97, 7.333, 327.667

■ 86, 54.490,
173.605

■ 97, 7.881, 324.677

■ 86, 57.821,
171.905

■ 86, 60.274,
170.033

■ 86, 60.792,
169.589

Harmonies

Complementary

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



91, 23.738, 179.975



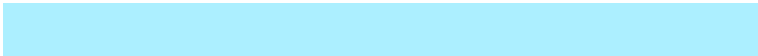
78, 26.555, 5.611

Rectangle

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



91, 23.738, 179.975



91, 23.738, 229.975



91, 23.738, 359.975



91, 23.738, 49.975

Sweetspot

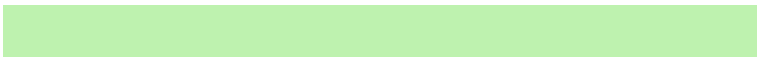
The Sweet Spot groups the original color and five complimentary colors.



91, 23.739, 179.972



98, 7.399, 181.925



91, 39.570, 136.887



52, 5.249, 181.773



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, 23.739, 179.972



94, 29.135, 179.402



86, 18.172, 231.963



50, 5.077, 181.777



67, 49.654, 169.930



21, 21.314, 172.761

Inverse Universe

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



78, 26.555, 5.611



78, 33.388, 6.419



82, 21.580, 48.036



48, 5.267, 3.398



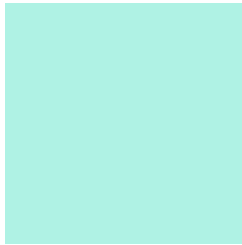
39, 72.950, 28.799



9, 29.964, 16.291

Previews

White Background



This preview shows how the CIE LCh color 91, 23.738, 179.975 looks on a white background.

Color Contrast Check

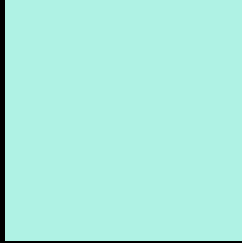
Large Text (above 18pt) WCAG AA × Fail

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, 23.738, 179.975 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

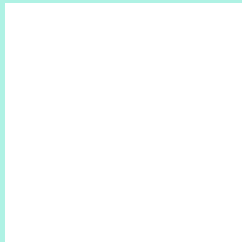
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 23.738, 179.975

Background



This preview shows how black text looks on a background with the CIELCh color 91, 23.738, 179.975.

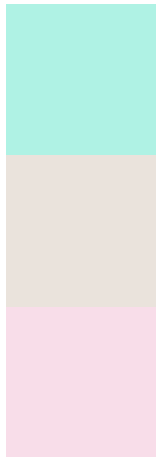


This preview shows how white text looks on a background with the CIELCh color 91, 23.738, 179.975.

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, 23.738, 179.975

Protanopia

91, 4.403, 74.598

Deuteranopia

91, 11.546, 347.687

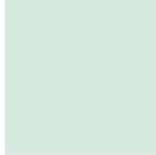


Tritanopia
91, 18.590, 228.832

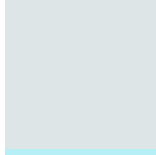
Trichromacy



Original Color
91, 23.738, 179.975



Protanomaly
91, 8.841, 162.984



Deuteranomaly
90, 2.662, 222.445

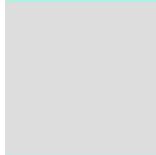


Tritanomaly
91, 18.777, 207.855

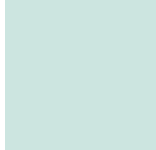
Monochromacy



Original Color
91, 23.738, 179.975



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 9.182, 182.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 23.738, 179.975 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(175, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(175, 242, 228)  
}
```

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(175, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 242, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 23.738, 179.975 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(175, 242, 228) }
```

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

```
.border{ border-color:rgb(175, 242, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 242, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(175, 242,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 23.738, 179.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 242, 228) }
```

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

```
.background{ background-color: rgb(175,  
242, 228) }
```

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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