

Converting Colors

CIELCh(91, 18.557, 228.618)

Have a look what the booklet for
CIELCh(91, 18.557, 228.618)
contains.

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Color

CIELCh(91, 18.590, 228.832)

Conversions

Conversions Part 1

Format	Color
Hex	BAEDFF
RGB	186, 237, 255
RGB Percent	73%, 93%, 100%
CMY	0.2693, 0.0693, 0.0000
CMYK	0.27, 0.07, 0.00, 0.00
HSL	195°, 100%, 87%
HSV	195°, 27%, 100%
XYZ	68.8144, 78.4833, 106.4144
YIQ	223.8030, -36.1740, -5.2140

Conversions

Conversions Part 2

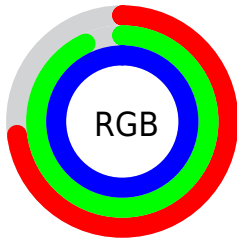
Format	Color
R _{YB}	186, 215, 255
Decimal	12250623
CIE _{Lab}	91.00, -12.24, -13.99
CIE _{LCh}	91, 18.590, 228.832
Y _{xy}	78.4833, 0.2712, 0.3093
Android (android.graphics.Color)	4290440703 (0xFFBAEDFF)
YUV	223.8030, 15.3801, -33.1532
Hunter-Lab	88.5908, -16.3810, -9.2050

Details

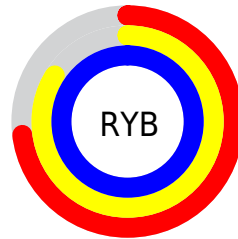
The CIELCh color `91, 18.590, 228.832` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `86, 22.051, 45.210`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `99, 4.141, 199.303`, and `71, 18.548, 228.564` is the 20% darker color. If you saturate the color by 10%, you get `88, 24.517, 229.519`, and if you desaturate by 10%, it is `94, 11.990, 227.417`.

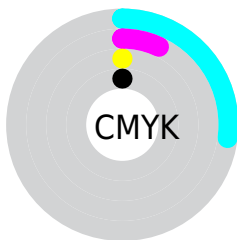
Distribution



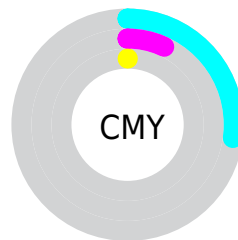
- Red (73%)
- Green (93%)
- Blue (100%)



- Red (73%)
- Yellow (84%)
- Blue (100%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 18.590, 228.832 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, 18.590, 228.832 by changing the saturation by 10% instead.

■ 91, 18.590,
228.832

■ 91, 18.590,
228.832

■ 100, 18.590,
228.832

■ 81, 18.590,
228.832

■ 71, 18.590,
228.832

■ 61, 18.590,
228.832

■ 51, 18.590,
228.832

■ 41, 18.590,
228.832

■ 31, 18.590,
228.832

■ 21, 18.590,

228.832

■ 11, 18.590,
228.832

■ 1, 18.590, 228.832

■ 91, 18.590,
228.832

■ 91, 18.590,
228.832

■ 88, 24.517,
229.519

■ 94, 11.990,
227.417

■ 85, 29.886,
231.080

■ 98, 5.030, 226.793

■ 82, 34.537,
233.090

100, 0.012,
296.813

■ 79, 38.415,
235.643

■ 77, 41.522,
238.832

■ 75, 43.940,
242.723

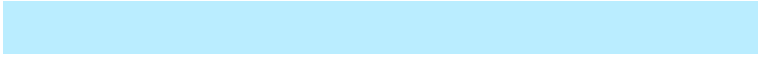
■ 73, 45.852,
247.303

■ 72, 46.418,
248.768

Harmonies

Complementary

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



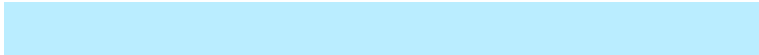
91, 18.590, 228.832



86, 22.051, 45.210

Rectangle

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



91, 18.590, 228.832



91, 18.590, 278.832



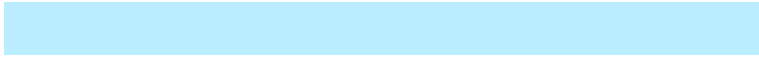
91, 18.590, 48.832



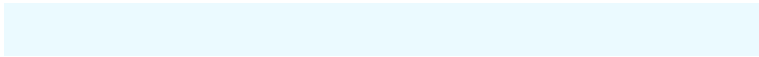
91, 18.590, 98.832

Sweetspot

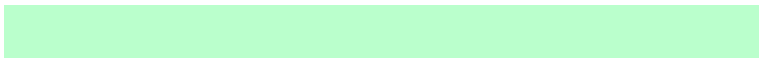
The Sweet Spot groups the original color and five complimentary colors.



91, 18.519, 228.320



97, 5.793, 226.842



94, 36.017, 150.255



51, 4.103, 226.920



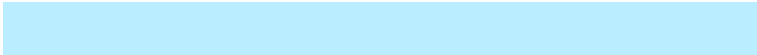
0, 0.000, 0.000



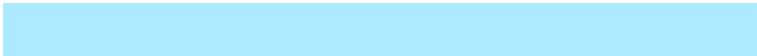
53, 0.007, 296.813

Same Dimension

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



91, 18.519, 228.320



89, 21.633, 228.887



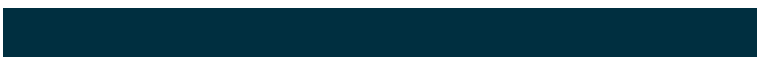
82, 27.661, 281.132



51, 4.103, 226.920



55, 37.184, 247.856



18, 16.574, 241.367

Inverse Universe

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



83, 36.084, 334.462



80, 42.823, 334.845



94, 27.145, 93.926



50, 7.568, 333.209



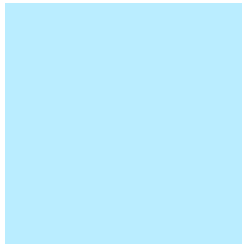
43, 76.464, 341.889



11, 35.956, 339.835

Previews

White Background



This preview shows how the CIE LCh color 91, 18.590, 228.832 looks on a white background.

Color Contrast Check

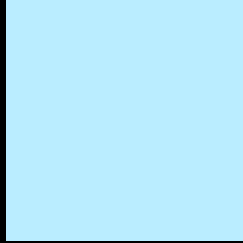
Large Text (above 18pt) WCAG AA × Fail

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, 18.590, 228.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

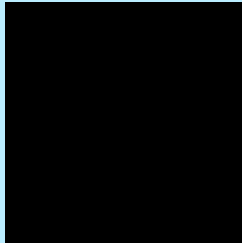
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 18.590, 228.832

Background



This preview shows how black text looks on a background with the CIELCh color 91, 18.590, 228.832.

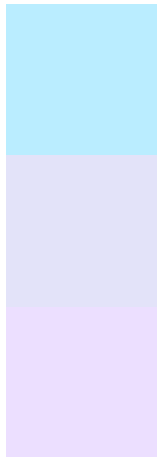


This preview shows how white text looks on a background with the CIELCh color 91, 18.590, 228.832.

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, 18.590, 228.832

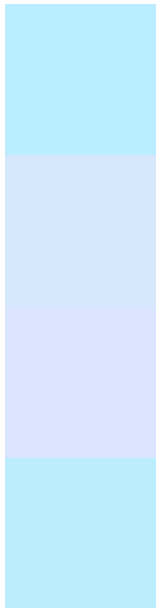
Protanopia
91, 11.423, 291.098

Deuteranopia
91, 17.283, 306.370



Tritanopia
91, 17.825, 230.318

Trichromacy



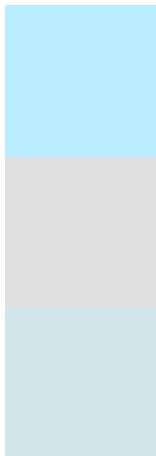
Original Color
91, 18.590, 228.832

Protanomaly
91, 12.034, 259.001

Deuteranomaly
91, 14.335, 277.781

Tritanomaly
91, 18.080, 229.807

Monochromacy



Original Color
91, 18.590, 228.832

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 7.202, 224.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 18.590, 228.832 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(186, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 237, 255)  
}
```

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(186, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 237, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 18.590, 228.832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

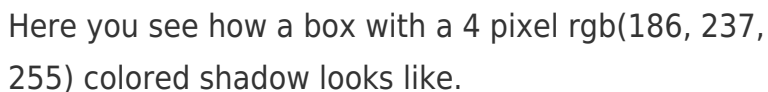
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 237, 255) }
```

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

```
.border{ border-color:rgb(186, 237, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 237,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 18.590, 228.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 237, 255) }
```

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

```
.background{ background-color: rgb(186,  
237, 255) }
```

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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