

Converting Colors

CIELCh(91, 15.346, 250.161)

Have a look what the booklet for
CIELCh(91, 15.346, 250.161)
contains.

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Color

CIELCh(91, 14.862, 249.387)

Conversions

Conversions Part 1

Format	Color
Hex	CBE9FF
RGB	203, 233, 255
RGB Percent	80%, 91%, 100%
CMY	0.2025, 0.0848, 0.0000
CMYK	0.20, 0.08, 0.00, 0.00
HSL	205°, 100%, 90%
HSV	205°, 20%, 100%
XYZ	72.0859, 78.4833, 106.2799
YIQ	226.5380, -24.9420, 0.4820

Conversions

Conversions Part 2

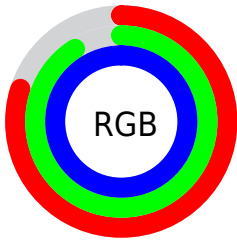
Format	Color
R_{YB}	203, 222, 255
Decimal	13363711
CIE _{Lab}	91.00, -5.23, -13.91
CIE _{LCh}	91, 14.862, 249.387
Yxy	78.4833, 0.2807, 0.3056
Android (android.graphics.Color)	4291553791 (0xFFCBE9FF)
YUV	226.5380, 14.0318, -20.6428
Hunter-Lab	88.5908, -9.7893, -9.1150

Details

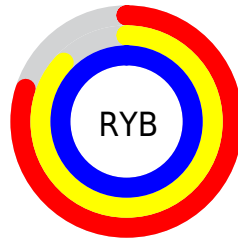
The CIELCh color `91, 14.862, 249.387` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `91, 15.978, 63.941`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 14.860, 249.743` is the 20% darker color. If you saturate the color by 10%, you get `87, 21.651, 250.561`, and if you desaturate by 10%, it is `95, 7.548, 247.429`.

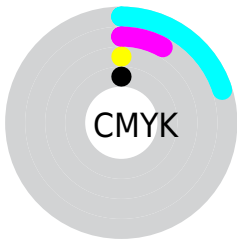
Distribution



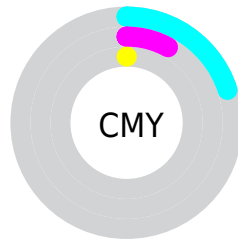
- Red (80%)
- Green (91%)
- Blue (100%)



- Red (80%)
- Yellow (87%)
- Blue (100%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 14.862, 249.387 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, 14.862, 249.387 by changing the saturation by 10% instead.

■ 91, 14.862,
249.387

■ 91, 14.862,
249.387

■ 100, 14.862,
249.387

■ 81, 14.862,
249.387

■ 71, 14.862,
249.387

■ 61, 14.862,
249.387

■ 51, 14.862,
249.387

■ 41, 14.862,
249.387

■ 31, 14.862,
249.387

■ 21, 14.862,

249.387

■ 11, 14.862,
249.387

■ 1, 14.862, 249.387

■ 91, 14.862,
249.387

■ 91, 14.862,
249.387

■ 87, 21.651,
250.561

■ 95, 7.548, 247.429

■ 82, 28.292,
252.673

100, 0.191,
248.882

■ 78, 34.603,
255.240

100, 0.012,
296.813

■ 74, 40.568,
258.334

■ 70, 46.214,
262.011

■ 67, 51.627,
266.274

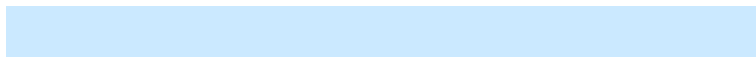
■ 63, 56.951,
271.042

■ 60, 62.255,
275.923

Harmonies

Complementary

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



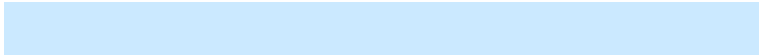
91, 14.862, 249.387



91, 15.978, 63.941

Rectangle

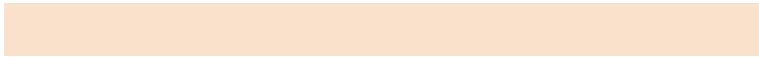
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 14.862, 249.387



91, 14.862, 299.387



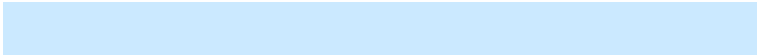
91, 14.862, 69.387



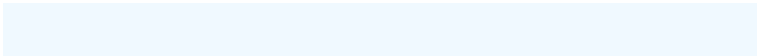
91, 14.862, 119.387

Sweetspot

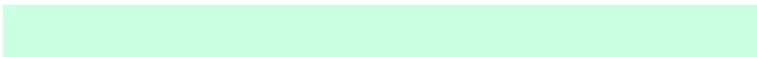
The Sweet Spot groups the original color and five complimentary colors.



91, 14.719, 248.831



97, 4.444, 246.945



96, 23.876, 157.738



52, 2.945, 247.013



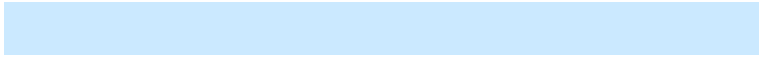
0, 0.000, 0.000



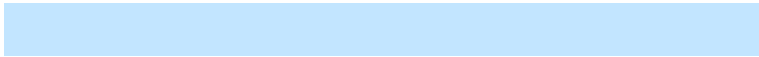
53, 0.007, 296.813

Same Dimension

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



91, 14.719, 248.831



89, 17.352, 249.440



84, 24.964, 289.052



51, 4.192, 247.338



46, 49.401, 274.991



14, 20.541, 267.885

Inverse Universe

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



87, 24.244, 341.155



85, 28.794, 341.499



98, 24.015, 104.471



50, 6.748, 340.221



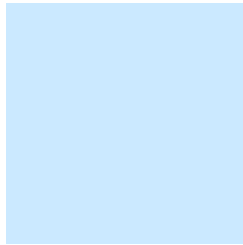
42, 69.810, 354.621



11, 32.861, 350.306

Previews

White Background



This preview shows how the CIE LCh color 91, 14.862, 249.387 looks on a white background.

Color Contrast Check

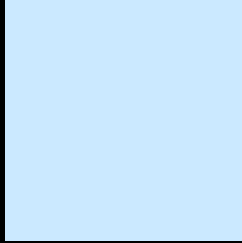
Large Text (above 18pt) WCAG AA × Fail

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, 14.862, 249.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

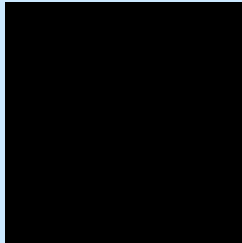
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

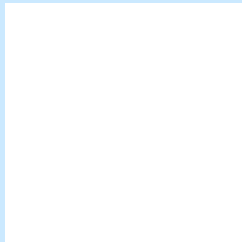
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 14.862, 249.387

Background



This preview shows how black text looks on a background with the CIELCh color 91, 14.862, 249.387.



This preview shows how white text looks on a background with the CIELCh color 91, 14.862, 249.387.

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, 14.862, 249.387

Protanopia
91, 12.460, 289.613

Deuteranopia
91, 17.376, 307.469



Tritanopia
91, 13.670, 242.165

Trichromacy



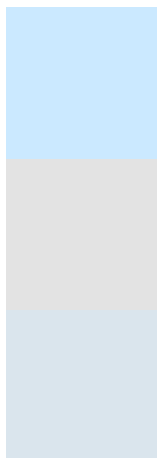
Original Color
91, 14.862, 249.387

Protanomaly
91, 12.415, 273.751

Deuteranomaly
91, 14.539, 288.680

Tritanomaly
91, 14.001, 243.848

Monochromacy



Original Color
91, 14.862, 249.387

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.588, 247.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 14.862, 249.387 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(203, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 233, 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(203, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 233, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 14.862, 249.387 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(203, 233, 255) }
```

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

```
.border{ border-color:rgb(203, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 233,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 14.862, 249.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 233, 255) }
```

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

```
.background{ background-color: rgb(203,  
233, 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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