

Converting Colors

CIELCh(91, 13.051, 227.166)

Have a look what the booklet for
CIELCh(91, 13.051, 227.166)
contains.

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Color

CIELCh(91, 13.064, 227.334)

Conversions

Conversions Part 1

Format	Color
Hex	C8EBF7
RGB	200, 235, 247
RGB Percent	78%, 92%, 97%
CMY	0.2153, 0.0780, 0.0310
CMYK	0.19, 0.05, 0.00, 0.03
HSL	195°, 75%, 88%
HSV	195°, 19%, 97%
XYZ	70.3819, 78.4833, 99.5113
YIQ	225.9030, -24.7120, -3.6880

Conversions

Conversions Part 2

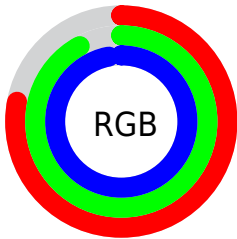
Format	Color
R _Y B	200, 220, 247
Decimal	13167607
CIE Lab	91.00, -8.85, -9.61
CIE LCh	91, 13.064, 227.334
Yxy	78.4833, 0.2834, 0.3160
Android (android.graphics.Color)	4291357687 (0xFFC8EBF7)
YUV	225.9030, 10.4008, -22.7169
Hunter-Lab	88.5908, -13.2227, -4.5850

Details

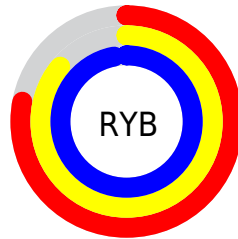
The CIELCh color **91, 13.064, 227.334** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 14.710, 45.222**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 13.224, 228.487** is the 20% darker color. If you saturate the color by 10%, you get **88, 19.330, 228.272**, and if you desaturate by 10%, it is **94, 6.357, 226.647**.

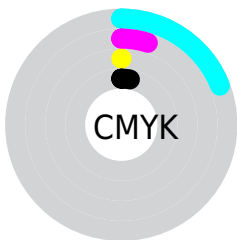
Distribution



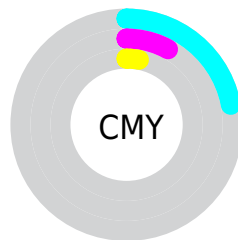
- Red (78%)
- Green (92%)
- Blue (97%)



- Red (78%)
- Yellow (86%)
- Blue (97%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)





- Cyan (22%)
- Magenta (8%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 13.064, 227.334 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, 13.064, 227.334 by changing the saturation by 10% instead.


 91, 13.064,
227.334


 91, 13.064,
227.334


 100, 13.064,
227.334


 81, 13.064,
227.334


 71, 13.064,
227.334

 61, 13.064,
227.334

 51, 13.064,
227.334

 41, 13.064,
227.334

 31, 13.064,
227.334

 21, 13.064,

227.334

■ 11, 13.064,
227.334

■ 1, 13.064, 227.334

■ 91, 13.064,
227.334

■ 91, 13.064,
227.334

■ 88, 19.330,
228.272

■ 94, 6.357, 226.647

■ 85, 25.058,
229.522

■ 98, 0.700, 45.125

■ 82, 30.150,
231.149

■ 100, 3.516,
104.245

■ 79, 34.527,
233.238

■ 100, 3.997,
109.860

■ 77, 38.141,
235.886

■ 75, 41.008,
239.182

■ 72, 43.225,
243.182

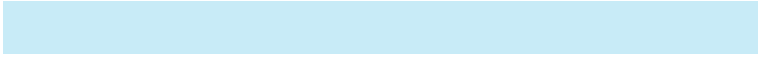
■ 70, 45.012,
247.816

■ 70, 45.189,
248.275

Harmonies

Complementary

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



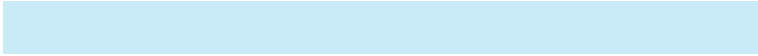
91, 13.064, 227.334



88, 14.710, 45.222

Rectangle

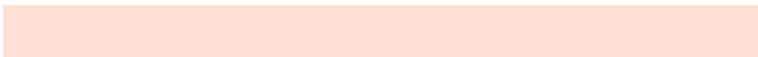
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



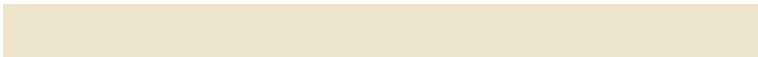
91, 13.064, 227.334



91, 13.064, 277.334



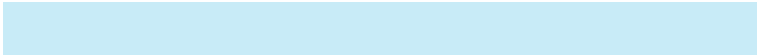
91, 13.064, 47.334



91, 13.064, 97.334

Sweetspot

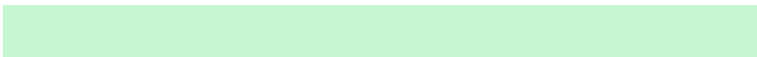
The Sweet Spot groups the original color and five complimentary colors.



91, 13.064, 227.326



98, 4.367, 226.514



93, 24.801, 150.964



52, 2.892, 226.538



0, 0.000, 0.000



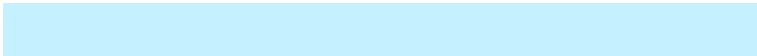
53, 0.007, 296.813

Same Dimension

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



91, 13.064, 227.326



92, 16.017, 227.673



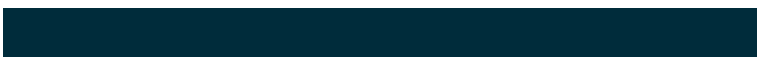
85, 18.854, 279.813



49, 3.970, 226.672



54, 36.338, 247.357



16, 15.633, 240.253

Inverse Universe

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



86, 24.850, 333.805



86, 30.856, 334.095



93, 18.613, 94.924



48, 7.329, 333.131



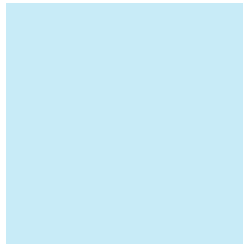
42, 75.067, 341.724



10, 34.186, 339.503

Previews

White Background



This preview shows how the CIE LCh color 91, 13.064, 227.334 looks on a white background.

Color Contrast Check

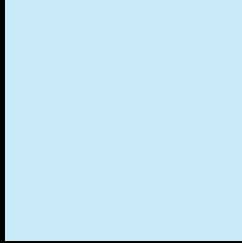
Large Text (above 18pt) WCAG AA × Fail

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, 13.064, 227.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

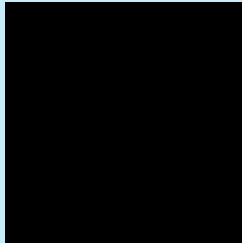
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

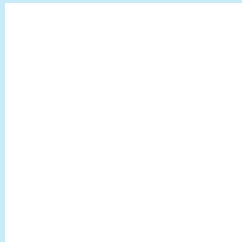
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.064, 227.334

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.064, 227.334.



This preview shows how white text looks on a background with the CIELCh color 91, 13.064, 227.334.

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](#).

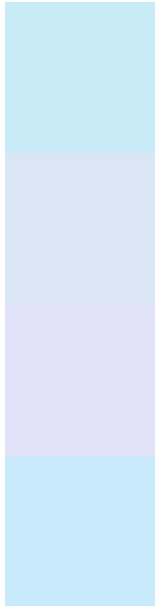
Dichromacy





Tritanopia
91, 14.454, 242.064

Trichromacy



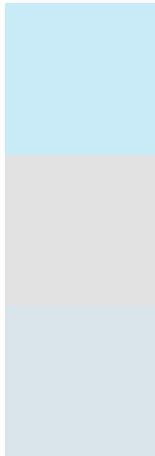
Original Color
91, 13.064, 227.334

Protanomaly
91, 8.268, 260.955

Deuteranomaly
91, 11.423, 289.383

Tritanomaly
91, 13.832, 238.644

Monochromacy



Original Color
91, 13.064, 227.334

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 4.883, 231.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.064, 227.334 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(200, 235, 247)` looks like.

```
.text, #text, p{  
    color:rgb(200, 235, 247)  
}
```

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(200, 235, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 235, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.064, 227.334 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(200, 235, 247) }
```

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

```
.border{ border-color:rgb(200, 235, 247) }
```

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

Here you see how a box with a 4 pixel rgb(200, 235, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 235, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 235, 247);  
box-shadow:4px 4px 4px 4px rgb(200, 235,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.064, 227.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 235, 247) }
```

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

```
.background{ background-color: rgb(200,  
235, 247) }
```

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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