

Converting Colors

CIELCh(93, 33.264, 266.995)

Have a look what the booklet for
CIELCh(93, 33.264, 266.995)
contains.

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Color

CIELCh(92, 17.647, 226.684)

Conversions

Conversions Part 1

Format	Color
Hex	BFF0FF
RGB	191, 240, 255
RGB Percent	75%, 94%, 100%
CMY	0.2509, 0.0587, 0.0000
CMYK	0.25, 0.06, 0.00, 0.00
HSL	194°, 100%, 87%
HSV	194°, 25%, 100%
XYZ	70.8769, 80.7044, 107.3331
YIQ	227.0590, -34.0190, -5.7230

Conversions

Conversions Part 2

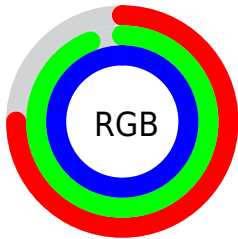
Format	Color
R_{YB}	191, 219, 255
Decimal	12579071
CIE _{Lab}	92.00, -12.11, -12.84
CIE _{LCh}	92, 17.647, 226.684
Y _{xy}	80.7044, 0.2737, 0.3117
Android (android.graphics.Color)	4290769151 (0xFFBFF0FF)
YUV	227.0590, 13.7749, -31.6237
Hunter-Lab	89.8356, -16.3827, -7.9531

Details

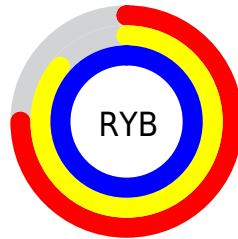
The CIELCh color `92, 17.647, 226.684` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `87, 20.603, 42.734`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `99, 2.426, 199.524`, and `72, 17.423, 224.436` is the 20% darker color. If you saturate the color by 10%, you get `89, 23.545, 225.989`, and if you desaturate by 10%, it is `95, 10.813, 224.284`.

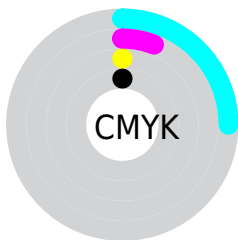
Distribution



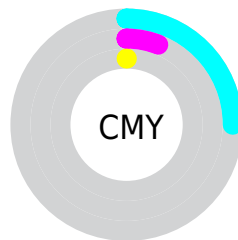
- Red (75%)
- Green (94%)
- Blue (100%)



- Red (75%)
- Yellow (86%)
- Blue (100%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 17.647, 226.684 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 92, 17.647, 226.684 by changing the saturation by 10% instead.

■ 92, 17.647,
226.684

■ 92, 17.647,
226.684

■ 100, 17.647,
226.684

■ 82, 17.647,
226.684

■ 72, 17.647,
226.684

■ 62, 17.647,
226.684

■ 52, 17.647,
226.684

■ 42, 17.647,
226.684

■ 32, 17.647,
226.684

■ 22, 17.647,

226.684

■ 12, 17.647,
226.684

■ 2, 17.647, 226.684

■ 92, 17.647,
226.684

■ 92, 17.647,
226.684

■ 89, 23.545,
225.989

■ 95, 10.813,
224.284

■ 86, 28.994,
227.299

■ 98, 3.741, 223.853

■ 84, 33.696,
229.012

100, 0.012,
296.813

■ 81, 37.581,
231.218

■ 79, 40.627,
234.011

■ 77, 42.888,
237.471

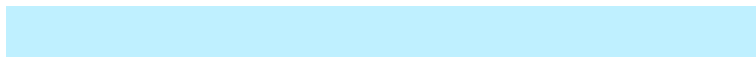
■ 75, 44.516,
241.628

■ 74, 45.205,
243.840

Harmonies

Complementary

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



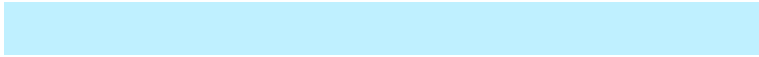
92, 17.647, 226.684



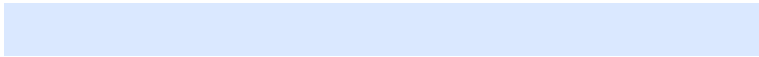
87, 20.603, 42.734

Rectangle

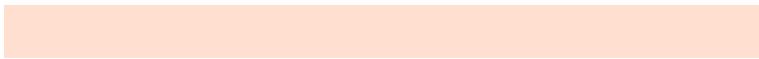
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 17.647, 226.684



92, 17.647, 276.684



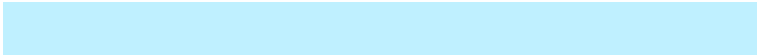
92, 17.647, 46.684



92, 17.647, 96.684

Sweetspot

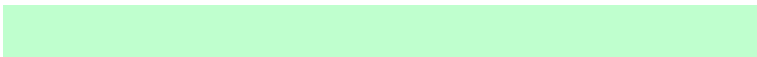
The Sweet Spot groups the original color and five complimentary colors.



92, 17.449, 225.003



97, 5.836, 223.932



95, 33.989, 149.829



52, 4.133, 223.993



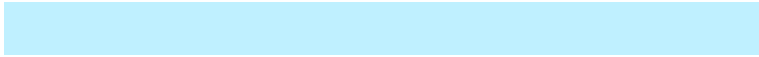
0, 0.000, 0.000



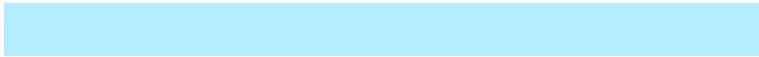
53, 0.007, 296.813

Same Dimension

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



92, 17.449, 225.003



90, 20.515, 225.451



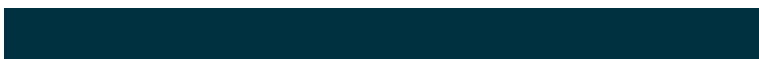
84, 25.203, 279.717



52, 4.133, 223.993



57, 36.269, 242.980



18, 16.335, 236.924

Inverse Universe

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



84, 34.174, 333.410



82, 40.827, 333.764



94, 24.874, 92.984



50, 7.695, 332.325



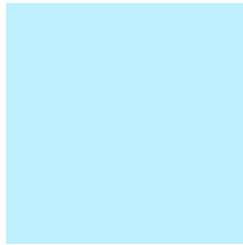
43, 77.733, 340.326



11, 36.501, 338.538

Previews

White Background



This preview shows how the CIE LCh color 92, 17.647, 226.684 looks on a white background.

Color Contrast Check

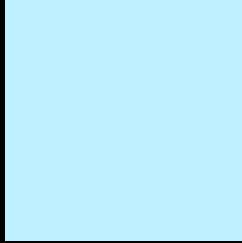
Large Text (above 18pt) WCAG AA × Fail

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 92, 17.647, 226.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

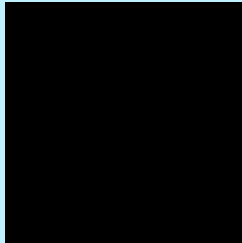
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 17.647, 226.684

Background



This preview shows how black text looks on a background with the CIELCh color 92, 17.647, 226.684.

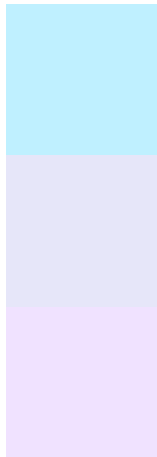


This preview shows how white text looks on a background with the CIELCh color 92, 17.647, 226.684.

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

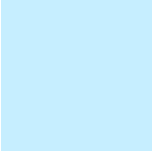
92, 17.450, 225.073

Protanopia

92, 9.843, 290.966

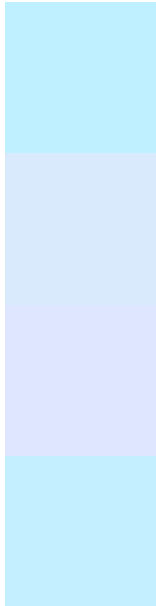
Deuteranopia

92, 15.852, 308.984



Tritanopia
92, 15.541, 233.371

Trichromacy



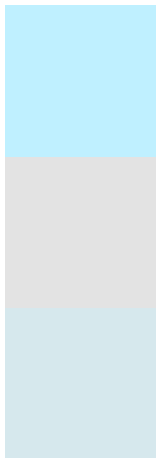
Original Color
92, 17.450, 225.073

Protanomaly
92, 10.564, 255.780

Deuteranomaly
92, 12.728, 277.385

Tritanomaly
92, 16.330, 229.251

Monochromacy



Original Color
92, 17.450, 225.073

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 6.689, 221.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 17.647, 226.684 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(191, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 240, 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(191, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 240, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 17.647, 226.684 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(191, 240, 255) }
```

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

```
.border{ border-color:rgb(191, 240, 255) }
```

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

Here you see how a box with a 4 pixel rgb(191, 240, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 240,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 17.647, 226.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 240, 255) }
```

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

```
.background{ background-color: rgb(191,  
240, 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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