

Converting Colors

CIELCh(93, 23.793, 246.174)

Have a look what the booklet for
CIELCh(93, 23.793, 246.174)
contains.

CIELCh(92, 18.480, 219.855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(92, 18.480, 219.855)

Conversions

Conversions Part 1

Format	Color
Hex	BBF1FE
RGB	187, 241, 254
RGB Percent	73%, 95%, 100%
CMY	0.2662, 0.0545, 0.0036
CMYK	0.26, 0.05, 0.00, 0.00
HSL	192°, 97%, 87%
HSV	192°, 26%, 100%
XYZ	69.9058, 80.7044, 105.7287
YIQ	226.3360, -36.3570, -7.4050

Conversions

Conversions Part 2

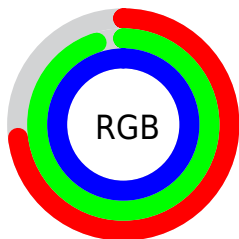
Format	Color
R_{YB}	187, 217, 254
Decimal	12317182
CIE _{Lab}	92.00, -14.19, -11.84
CIE _{LCh}	92, 18.480, 219.855
Yxy	80.7044, 0.2727, 0.3148
Android (android.graphics.Color)	4290507262 (0xFFBBF1FE)
YUV	226.3360, 13.6384, -34.4977
Hunter-Lab	89.8356, -18.3122, -6.8942

Details

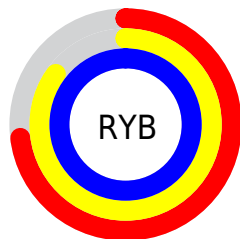
The CIELCh color **92, 18.480, 219.855** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 22.171, 38.569**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **72, 18.468, 219.034** is the 20% darker color. If you saturate the color by 10%, you get **89, 24.517, 220.594**, and if you desaturate by 10%, it is **95, 11.846, 219.339**.

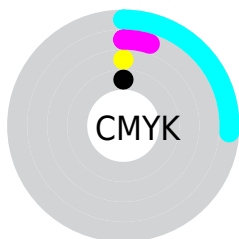
Distribution



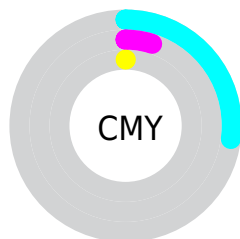
- Red (73%)
- Green (95%)
- Blue (100%)



- Red (73%)
- Yellow (85%)
- Blue (100%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 18.480, 219.855 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, 18.480, 219.855 by changing the saturation by 10% instead.

■ 92, 18.480,
219.855

■ 92, 18.480,
219.855

■ 100, 18.480,
219.855

■ 82, 18.480,
219.855

■ 72, 18.480,
219.855

■ 62, 18.480,
219.855

■ 52, 18.480,
219.855

■ 42, 18.480,
219.855

■ 32, 18.480,
219.855

■ 22, 18.480,

219.855

■ 12, 18.480,
219.855

■ 2, 18.480, 219.855

■ 92, 18.480,
219.855

■ 92, 18.480,
219.855

■ 89, 24.517,
220.594

■ 95, 11.846,
219.339

■ 87, 29.841,
221.625

■ 98, 4.729, 219.066

■ 85, 34.344,
223.009

100, 0.453,
109.973

■ 82, 37.946,
224.828

■ 80, 40.621,
227.165

■ 79, 42.413,
230.101

■ 77, 43.470,
233.676

■ 77, 43.770,
235.078

Harmonies

Complementary

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



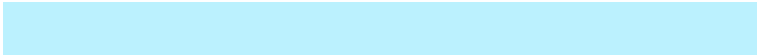
92, 18.480, 219.855



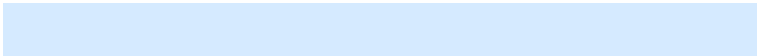
85, 22.171, 38.569

Rectangle

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



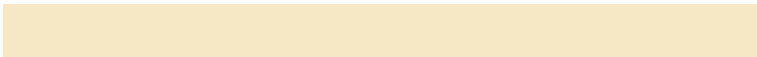
92, 18.480, 219.855



92, 18.480, 269.855



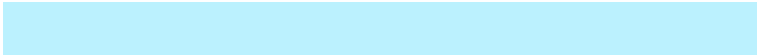
92, 18.480, 39.855



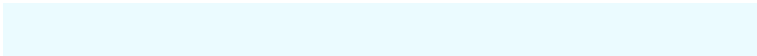
92, 18.480, 89.855

Sweetspot

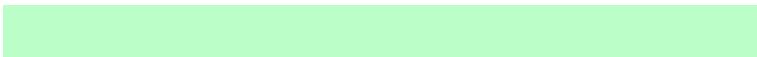
The Sweet Spot groups the original color and five complimentary colors.



92, 18.480, 219.850



98, 5.944, 219.087



94, 36.931, 148.004



52, 4.208, 219.117



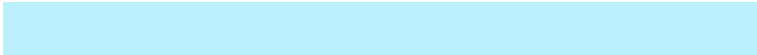
0, 0.000, 0.000



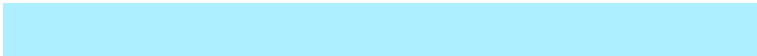
53, 0.007, 296.813

Same Dimension

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



92, 18.480, 219.850



91, 22.031, 220.239



83, 24.886, 276.401



52, 4.208, 219.117



59, 35.298, 234.348



19, 16.140, 229.235

Inverse Universe

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



83, 36.795, 332.004



80, 44.724, 332.389



93, 24.902, 89.052



50, 7.917, 330.884



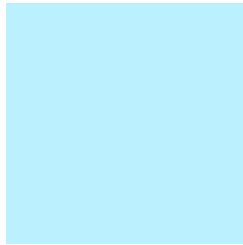
43, 80.040, 337.818



11, 37.476, 336.445

Previews

White Background



This preview shows how the CIE LCh color 92, 18.480, 219.855 looks on a white background.

Color Contrast Check

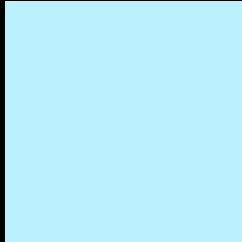
Large Text (above 18pt) WCAG AA × Fail

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 92, 18.480, 219.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

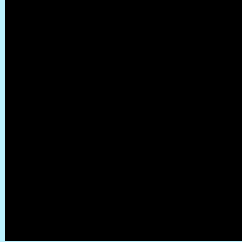
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 18.480, 219.855

Background



This preview shows how black text looks on a background with the CIELCh color 92, 18.480, 219.855.

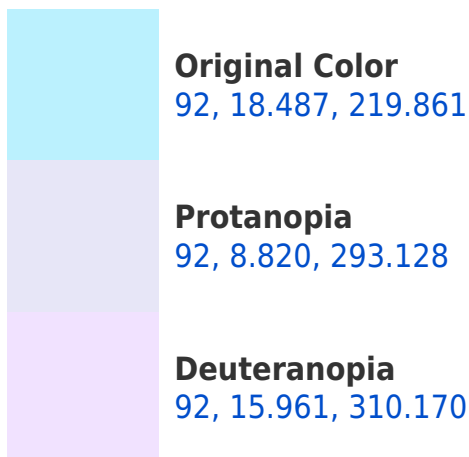


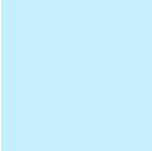
This preview shows how white text looks on a background with the CIELCh color 92, 18.480, 219.855.

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](#).

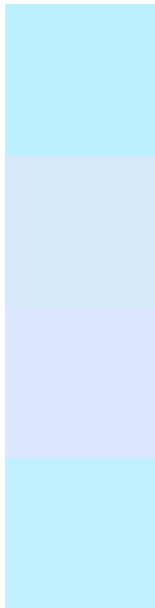
Dichromacy





Tritanopia
92, 16.068, 229.819

Trichromacy



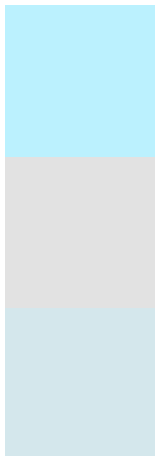
Original Color
92, 18.487, 219.861

Protanomaly
92, 10.348, 252.514

Deuteranomaly
92, 12.804, 275.929

Tritanomaly
92, 16.913, 226.013

Monochromacy



Original Color
92, 18.487, 219.861

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 7.006, 220.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 18.480, 219.855 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(187, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(187, 241, 254)  
}
```

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(187, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 241, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 18.480, 219.855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

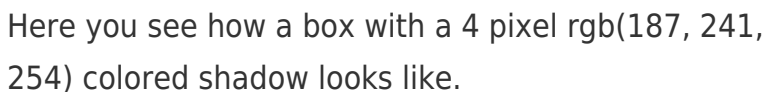
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 241, 254) }
```

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

```
.border{ border-color:rgb(187, 241, 254) }
```

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



Here you see how a box with a 4 pixel rgb(187, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(187, 241,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 18.480, 219.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 241, 254) }
```

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

```
.background{ background-color: rgb(187,  
241, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor