

Converting Colors

CIELCh(93, 31.897, 260.422)

Have a look what the booklet for
CIELCh(93, 31.897, 260.422)
contains.

CIELCh(92, 19.445, 220.367)	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, 19.445, 220.367)

Conversions

Conversions Part 1

Format	Color
Hex	B8F1FF
RGB	184, 241, 255
RGB Percent	72%, 95%, 100%
CMY	0.2765, 0.0530, 0.0000
CMYK	0.28, 0.05, 0.00, 0.00
HSL	191°, 100%, 86%
HSV	191°, 28%, 100%
XYZ	69.6140, 80.7044, 106.9365
YIQ	225.5530, -38.4660, -7.7300

Conversions

Conversions Part 2

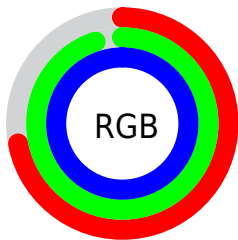
Format	Color
RYB	184, 216, 255
Decimal	12120575
CIELab	92.00, -14.82, -12.59
CIELCh	92, 19.445, 220.367
Yxy	80.7044, 0.2706, 0.3137
Android (android.graphics.Color)	4290310655 (0xFFB8F1FF)
YUV	225.5530, 14.5174, -36.4420
Hunter-Lab	89.8356, -18.8920, -7.6914

Details

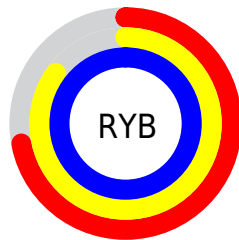
The CIELCh color `92, 19.445, 220.367` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `85, 23.493, 38.337`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `99, 4.823, 199.237`, and `72, 19.405, 219.676` is the 20% darker color. If you saturate the color by 10%, you get `89, 25.350, 220.372`, and if you desaturate by 10%, it is `95, 12.789, 219.088`.

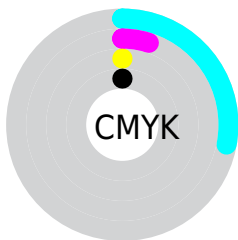
Distribution



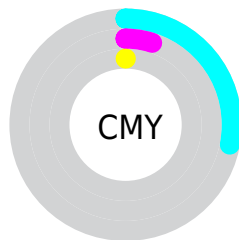
- Red (72%)
- Green (95%)
- Blue (100%)



- Red (72%)
- Yellow (85%)
- Blue (100%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 19.445, 220.367 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, 19.445, 220.367 by changing the saturation by 10% instead.

■ 92, 19.445,
220.367

■ 92, 19.445,
220.367

■ 100, 19.445,
220.367

■ 82, 19.445,
220.367

■ 72, 19.445,
220.367

■ 62, 19.445,
220.367

■ 52, 19.445,
220.367

■ 42, 19.445,
220.367

■ 32, 19.445,
220.367

■ 22, 19.445,

220.367

■ 12, 19.445,
220.367

■ 2, 19.445, 220.367

■ 92, 19.445,
220.367

■ 92, 19.445,
220.367

■ 89, 25.350,
220.372

■ 95, 12.789,
219.088

■ 87, 30.588,
221.424

■ 98, 5.699, 218.788

■ 85, 34.987,
222.836

100, 0.012,
296.813

■ 83, 38.471,
224.688

■ 81, 41.019,
227.064

■ 79, 42.690,
230.042

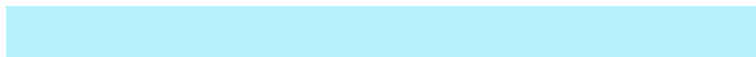
■ 77, 43.652,
233.646

■ 77, 43.841,
234.537

Harmonies

Complementary

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



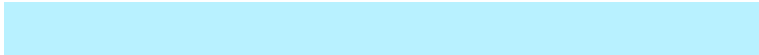
92, 19.445, 220.367



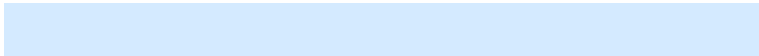
85, 23.493, 38.337

Rectangle

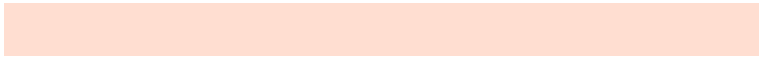
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 19.445, 220.367



92, 19.445, 270.367



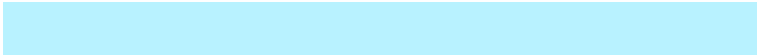
92, 19.445, 40.367



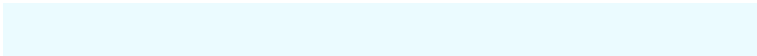
92, 19.445, 90.367

Sweetspot

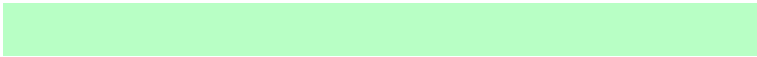
The Sweet Spot groups the original color and five complimentary colors.



92, 19.378, 219.611



98, 5.952, 218.794



94, 38.852, 147.885



52, 4.214, 218.822



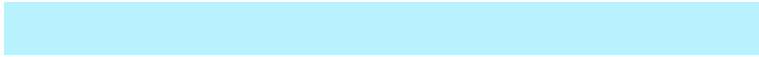
0, 0.000, 0.000



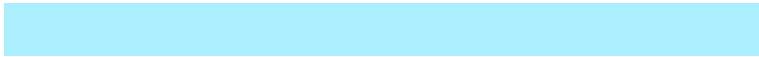
53, 0.007, 296.813

Same Dimension

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



92, 19.378, 219.611



91, 22.655, 219.986



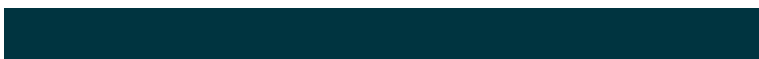
83, 26.217, 276.642



52, 4.214, 218.822



59, 35.263, 233.808



19, 16.136, 228.760

Inverse Universe

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



83, 38.775, 332.002



80, 46.174, 332.367



93, 26.233, 88.878



50, 7.930, 330.797



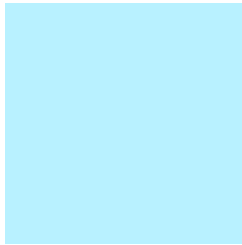
43, 80.188, 337.670



11, 37.538, 336.320

Previews

White Background



This preview shows how the CIE LCh color 92, 19.445, 220.367 looks on a white background.

Color Contrast Check

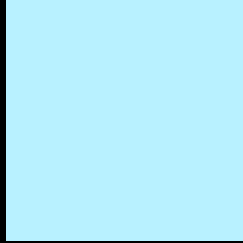
Large Text (above 18pt) WCAG AA × Fail

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, 19.445, 220.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

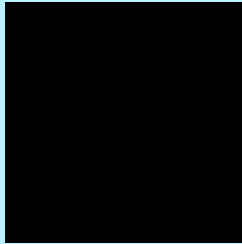
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 19.445, 220.367

Background



This preview shows how black text looks on a background with the CIELCh color 92, 19.445, 220.367.



This preview shows how white text looks on a background with the CIELCh color 92, 19.445, 220.367.

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



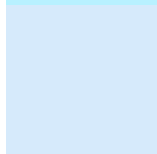


Tritanopia
92, 16.330, 229.251

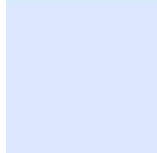
Trichromacy



Original Color
92, 19.445, 220.367



Protanomaly
92, 10.941, 252.893

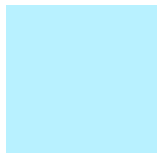


Deuteranomaly
92, 12.481, 272.263

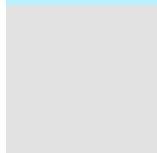


Tritanomaly
92, 17.450, 225.073

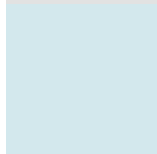
Monochromacy



Original Color
92, 19.445, 220.367



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 7.630, 218.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 19.445, 220.367 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(184, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 241, 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(184, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 241, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 19.445, 220.367 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(184, 241, 255) }
```

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

```
.border{ border-color:rgb(184, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 241,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 19.445, 220.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 241, 255) }
```

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

```
.background{ background-color: rgb(184,  
241, 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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