

Converting Colors

CIELCh(93, 23.320, 261.897)

Have a look what the booklet for
CIELCh(93, 23.320, 261.897)
contains.

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Color

CIELCh(92, 14.512, 233.682)

Conversions

Conversions Part 1

Format	Color
Hex	C9EEFE
RGB	201, 238, 254
RGB Percent	79%, 93%, 100%
CMY	0.2118, 0.0667, 0.0041
CMYK	0.21, 0.06, 0.00, 0.00
HSL	198°, 96%, 89%
HSV	198°, 21%, 100%
XYZ	72.5363, 80.7044, 105.4888
YIQ	228.7610, -27.1880, -2.8680

Conversions

Conversions Part 2

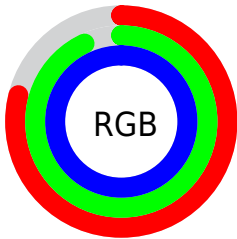
Format	Color
R _Y B	201, 223, 254
Decimal	13233918
CIE Lab	92.00, -8.59, -11.69
CIE LCh	92, 14.512, 233.682
Yxy	80.7044, 0.2804, 0.3119
Android (android.graphics.Color)	4291423998 (0xFFC9EEFE)
YUV	228.7610, 12.4428, -24.3464
Hunter-Lab	89.8356, -13.0855, -6.7359

Details

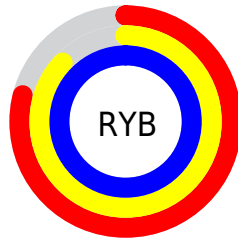
The CIELCh color `92, 14.512, 233.682` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `89, 16.383, 50.423`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 14.470, 233.184` is the 20% darker color. If you saturate the color by 10%, you get `88, 20.877, 234.946`, and if you desaturate by 10%, it is `96, 7.733, 232.703`.

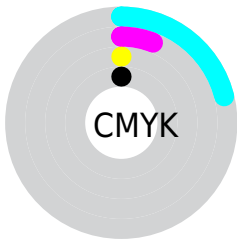
Distribution



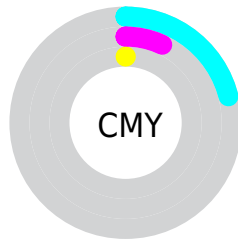
- Red (79%)
- Green (93%)
- Blue (100%)



- Red (79%)
- Yellow (87%)
- Blue (100%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (7%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 14.512, 233.682 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, 14.512, 233.682 by changing the saturation by 10% instead.


 92, 14.512,
233.682


 92, 14.512,
233.682

 100, 14.512,
233.682


 82, 14.512,
233.682

 72, 14.512,
233.682

 62, 14.512,
233.682

 52, 14.512,
233.682

 42, 14.512,
233.682

 32, 14.512,
233.682

 22, 14.512,

233.682

■ 12, 14.512,
233.682

■ 2, 14.512, 233.682

■ 92, 14.512,
233.682

■ 92, 14.512,
233.682

■ 88, 20.877,
234.946

■ 96, 7.733, 232.703

■ 99, 0.626, 232.798

■ 85, 26.743,
236.570

■ 100, 0.514,
109.989

■ 82, 32.027,
238.629

■ 79, 36.671,
241.215

■ 76, 40.656,
244.420

■ 73, 44.035,
248.313

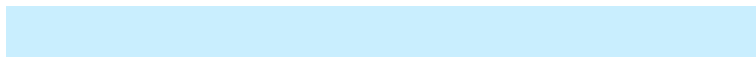
■ 71, 46.946,
252.900

■ 69, 49.425,
257.538

Harmonies

Complementary

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



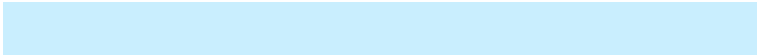
92, 14.512, 233.682



89, 16.383, 50.423

Rectangle

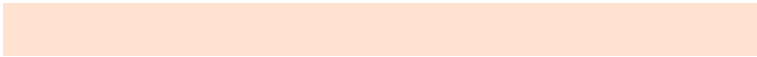
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 14.512, 233.682



92, 14.512, 283.682



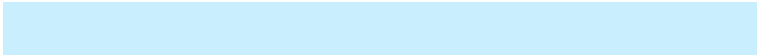
92, 14.512, 53.682



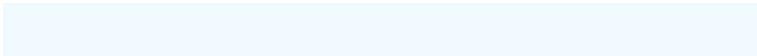
92, 14.512, 103.682

Sweetspot

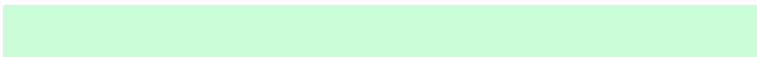
The Sweet Spot groups the original color and five complimentary colors.



92, 14.512, 233.675



98, 4.332, 232.356



95, 26.788, 152.696



52, 2.870, 232.395



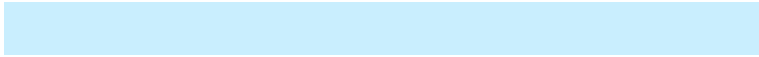
0, 0.000, 0.000



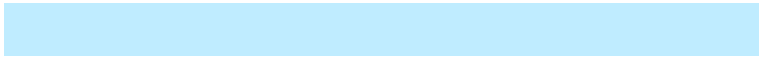
53, 0.007, 296.813

Same Dimension

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



92, 14.512, 233.675



91, 17.261, 234.164



85, 22.466, 283.175



51, 4.075, 232.595



53, 39.598, 256.581



17, 17.283, 249.541

Inverse Universe

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



87, 26.983, 335.834



84, 32.482, 336.157



96, 21.949, 97.967



50, 7.331, 334.981



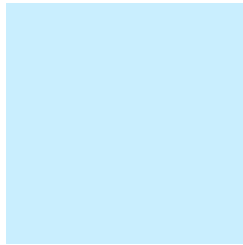
42, 74.232, 345.069



11, 34.977, 342.461

Previews

White Background



This preview shows how the CIE LCh color 92, 14.512, 233.682 looks on a white background.

Color Contrast Check

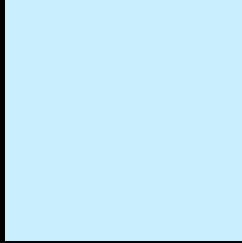
Large Text (above 18pt) WCAG AA × Fail

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, 14.512, 233.682 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

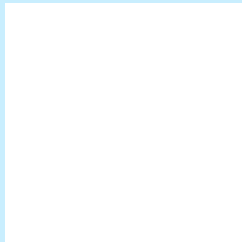
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 14.512, 233.682

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.512, 233.682.



This preview shows how white text looks on a background with the CIELCh color 92, 14.512, 233.682.

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, 14.112, 240.360

Trichromacy



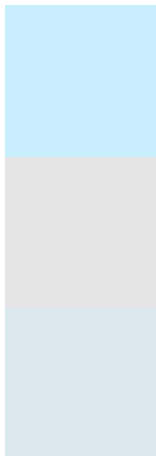
Original Color
92, 14.520, 233.691

Protanomaly
92, 10.212, 265.361

Deuteranomaly
92, 12.970, 286.716

Tritanomaly
92, 14.349, 239.519

Monochromacy



Original Color
92, 14.520, 233.691

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.427, 234.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.512, 233.682 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(201, 238, 254)` looks like.

```
.text, #text, p{  
    color:rgb(201, 238, 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(201, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 238, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.512, 233.682 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(201, 238, 254) }
```

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

```
.border{ border-color:rgb(201, 238, 254) }
```

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

Here you see how a box with a 4 pixel rgb(201, 238, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(201, 238,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.512, 233.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 238, 254) }
```

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

```
.background{ background-color: rgb(201,  
238, 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](#).

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