

Converting Colors

CIELCh(94, 33.439, 183.116)

Have a look what the booklet for
CIELCh(94, 33.439, 183.116)
contains.

CIELCh(94, 33.014, 183.716)	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(94, 33.014, 183.716)

Conversions

Conversions Part 1

Format	Color
Hex	9BFFF1
RGB	155, 255, 241
RGB Percent	61%, 100%, 95%
CMY	0.3932, 0.0000, 0.0560
CMYK	0.39, 0.00, 0.06, 0.00
HSL	171°, 100%, 80%
HSV	171°, 39%, 100%
XYZ	65.3003, 85.2715, 96.0242
YIQ	223.5040, -55.1060, -25.5540

Conversions

Conversions Part 2

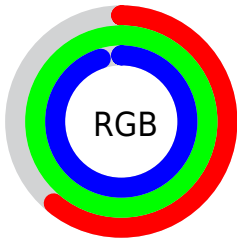
Format	Color
RYB	155, 209, 255
Decimal	10223601
CIELab	94.00, -32.94, -2.14
CIElCh	94, 33.014, 183.716
Yxy	85.2715, 0.2648, 0.3458
Android (android.graphics.Color)	4288413681 (0xFF9BFFF1)
YUV	223.5040, 8.6255, -60.0780
Hunter-Lab	92.3426, -35.3728, 2.9860

Details

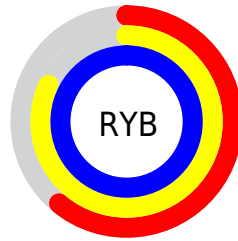
The CIELCh color **94, 33.014, 183.716** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 39.994, 12.541**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **74, 32.531, 184.361** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.404, 183.286**, and if you desaturate by 10%, it is **95, 25.174, 185.225**.

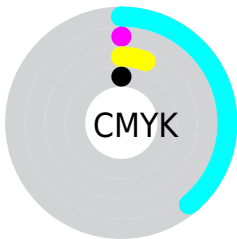
Distribution



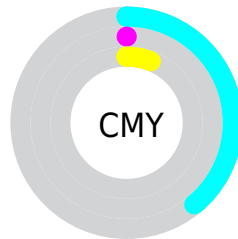
- Red (61%)
- Green (100%)
- Blue (95%)



- Red (61%)
- Yellow (82%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 33.014, 183.716 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 94, 33.014, 183.716 by changing the saturation by 10% instead.


 94, 33.014,
183.716


 94, 33.014,
183.716


 100, 33.014,
183.716


 84, 33.014,
183.716

 74, 33.014,
183.716

 64, 33.014,
183.716

 54, 33.014,
183.716

 44, 33.014,
183.716

 34, 33.014,
183.716

 24, 33.014,

183.716

■ 14, 33.014,
183.716

■ 4, 33.014, 183.716

■ 94, 33.014,
183.716

■ 94, 33.014,
183.716

■ 93, 39.404,
183.286

■ 95, 25.174,
185.225

■ 92, 45.184,
182.223

■ 97, 17.016,
186.134

■ 91, 49.926,
181.070

■ 98, 8.369, 187.037

■ 91, 53.587,
179.806

100, 0.012,
296.813

■ 90, 56.199,
178.411

■ 90, 57.939,
176.887

■ 90, 58.046,
176.783

Harmonies

Complementary

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



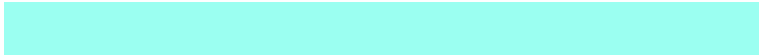
94, 33.014, 183.716



74, 39.994, 12.541

Rectangle

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



94, 33.014, 183.716



94, 33.014, 233.716



94, 33.014, 3.716



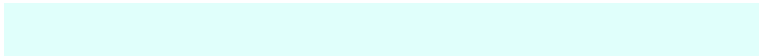
94, 33.014, 53.716

Sweetspot

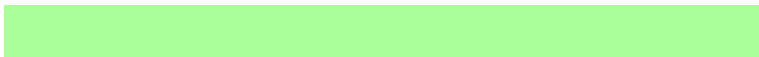
The Sweet Spot groups the original color and five complimentary colors.



94, 32.688, 184.281



98, 10.727, 186.791



93, 59.577, 137.905



52, 7.098, 186.673



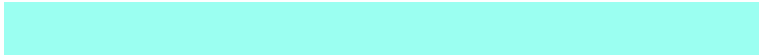
0, 0.000, 0.000



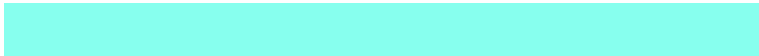
53, 0.007, 296.813

Same Dimension

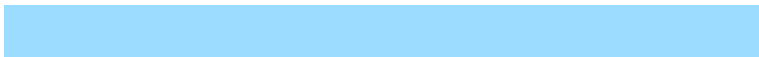
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 32.688, 184.281



93, 37.925, 183.522



85, 26.423, 243.167



52, 5.104, 187.020



70, 46.612, 177.070



23, 21.007, 179.101

Inverse Universe

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



74, 39.994, 12.541



70, 48.484, 14.055



82, 32.968, 54.629



50, 5.336, 8.532



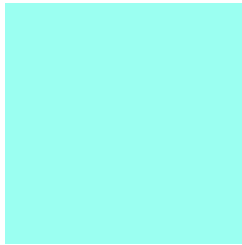
40, 77.871, 33.562



10, 32.326, 21.343

Previews

White Background



This preview shows how the CIE LCh color 94, 33.014, 183.716 looks on a white background.

Color Contrast Check

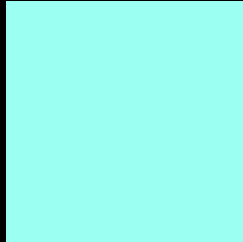
Large Text (above 18pt) WCAG AA × Fail

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 94, 33.014, 183.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

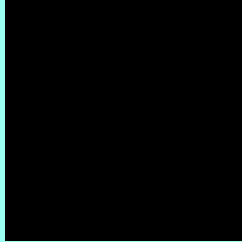
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

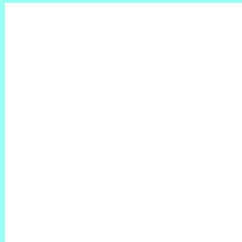
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 33.014, 183.716

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.014, 183.716.



This preview shows how white text looks on a background with the CIELCh color 94, 33.014, 183.716.

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
94, 15.083, 220.796

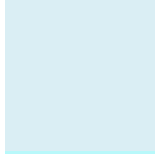
Trichromacy



Original Color
94, 32.571, 184.493



Protanomaly
93, 12.112, 176.077



Deuteranomaly
93, 7.461, 223.660

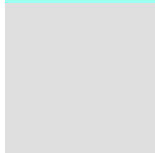


Tritanomaly
94, 20.774, 200.986

Monochromacy



Original Color
94, 32.571, 184.493



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 13.190, 184.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.014, 183.716 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(155, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 241)  
}
```

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(155, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.014, 183.716 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(155, 255, 241) }
```

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

```
.border{ border-color:rgb(155, 255, 241) }
```

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

Here you see how a box with a 4 pixel rgb(155, 255, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.014, 183.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 241) }
```

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

```
.background{ background-color: rgb(155,  
255, 241) }
```

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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