

Converting Colors

CIELCh(91, 52.792, 181.790)

Have a look what the booklet for
CIELCh(91, 52.792, 181.790)
contains.

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Color

CIELCh(91, 52.453, 182.334)

Conversions

Conversions Part 1	
Format	Color
Hex	35FFE8
RGB	53, 255, 232
RGB Percent	21%, 100%, 91%
CMY	0.7913, 0.0000, 0.0918
CMYK	0.79, 0.00, 0.09, 0.00
HSL	173°, 100%, 60%
HSV	173°, 79%, 100%
XYZ	51.9461, 78.4833, 88.4580
YIQ	191.9800, -113.0090, -49.9770

Conversions

Conversions Part 2

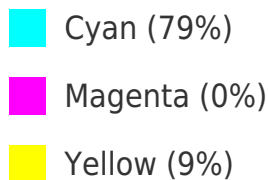
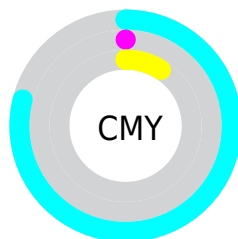
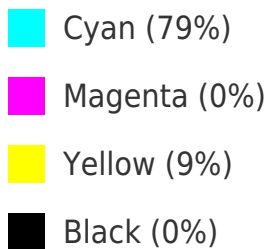
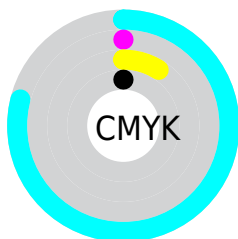
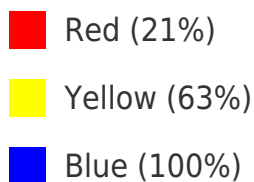
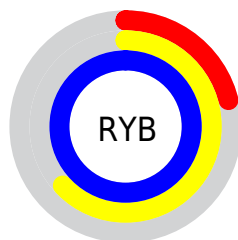
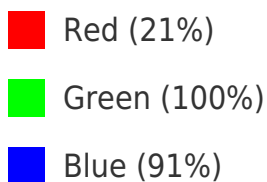
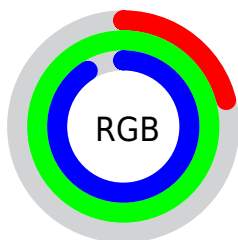
Format	Color
RYB	53, 160, 255
Decimal	3538920
CIELab	91.00, -52.41, -2.14
CIELCh	91, 52.453, 182.334
Yxy	78.4833, 0.2373, 0.3586
Android (android.graphics.Color)	4281729000 (0xFF35FFE8)
YUV	191.9800, 19.7299, -121.8855
Hunter-Lab	88.5908, -50.3687, 2.8125

Details

The CIELCh color **91, 52.453, 182.334** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **56, 82.685, 26.350**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.582, 197.234**, and **72, 45.692, 181.375** is the 20% darker color. If you saturate the color by 10%, you get **91, 54.594, 181.424**, and if you desaturate by 10%, it is **91, 48.759, 183.744**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 52.453, 182.334 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 91, 52.453, 182.334 by changing the saturation by 10% instead.


 91, 52.453,
182.334


 91, 52.453,
182.334


 100, 52.453,
182.334


 81, 52.453,
182.334

 71, 52.453,
182.334

 61, 52.453,
182.334


 51, 52.453,
182.334

 41, 52.453,
182.334


 31, 52.453,
182.334


 21, 52.453,


182.334

 11, 52.453,
182.334


 1, 52.453, 182.334


 91, 52.453,
182.334


 91, 52.453,
182.334


 91, 54.594,
181.424


 91, 48.759,
183.744

 90, 56.096,
180.101

 92, 44.220,
184.765

 90, 56.210,
179.986

 93, 38.628,
185.718

 94, 32.082,
186.623

95, 24.716,
187.493

97, 16.681,
188.344

98, 8.133, 189.202

100, 0.012,
296.813

Harmonies

Complementary

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



91, 52.453, 182.334



56, 82.685, 26.350

Rectangle

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



91, 52.453, 182.334



91, 52.453, 232.334



91, 52.453, 2.334



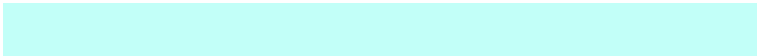
91, 52.453, 52.334

Sweetspot

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



91, 52.205, 182.637



96, 20.665, 187.932



89, 108.872, 135.727



51, 14.054, 187.628



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 52.205, 182.637



90, 55.552, 180.657



69, 48.322, 260.765



52, 5.059, 189.169



70, 45.168, 180.234



23, 20.449, 181.985

Inverse Universe

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



56, 82.685, 26.350



54, 95.890, 33.780



68, 73.963, 54.939



50, 5.305, 10.612



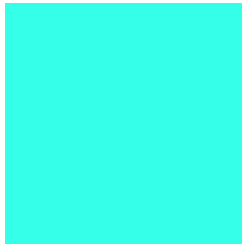
40, 79.202, 35.110



10, 32.494, 22.451

Previews

White Background



This preview shows how the CIE LCh color 91, 52.453, 182.334 looks on a white background.

Color Contrast Check

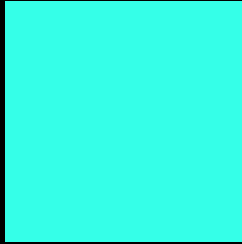
Large Text (above 18pt) WCAG AA × Fail

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 91, 52.453, 182.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

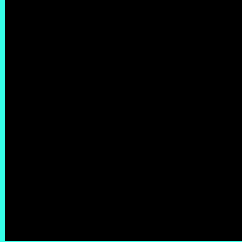
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 52.453, 182.334

Background



This preview shows how black text looks on a background with the CIELCh color 91, 52.453, 182.334.



This preview shows how white text looks on a background with the CIELCh color 91, 52.453, 182.334.

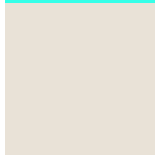
Color Blindness Simulation

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](#).

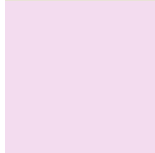
Dichromacy



Original Color
91, 52.128, 182.856



Protanopia
90, 6.224, 85.396



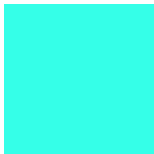
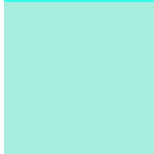
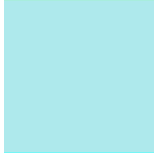
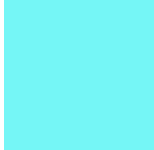
Deuteranopia
90, 12.855, 330.186



Tritanopia

90, 27.229, 213.439

Trichromacy

	Original Color 91, 52.128, 182.856
	Protanomaly 89, 24.813, 178.057
	Deuteranomaly 89, 19.393, 202.817
	Tritanomaly 90, 37.158, 197.080

Monochromacy

	Original Color 91, 52.128, 182.856
	Achromatopsia 78, 0.009, 296.813
	Achromatomaly 81, 24.810, 186.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 52.453, 182.334 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(53, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(53, 255, 232)  
}
```

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(53, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 255, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 52.453, 182.334 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(53, 255, 232) }
```

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

```
.border{ border-color:rgb(53, 255, 232) }
```

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

Here you see how a box with a 4 pixel rgb(53, 255, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(53, 255,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 52.453, 182.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 255, 232) }
```

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

```
.background{ background-color: rgb(53, 255,  
232) }
```

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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