

Converting Colors

CIELCh(73, 53.279, 120.551)

Have a look what the booklet for
CIELCh(73, 53.279, 120.551)
contains.

CIELCh(73, 53.191, 120.722)	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(73, 53.191, 120.722)

Conversions

Conversions Part 1

Format	Color
Hex	9DBF5C
RGB	157, 191, 92
RGB Percent	62%, 75%, 36%
CMY	0.3846, 0.2512, 0.6395
CMYK	0.18, 0.00, 0.52, 0.25
HSL	81°, 44%, 55%
HSV	81°, 52%, 75%
XYZ	34.4360, 45.1644, 17.0132
YIQ	169.5480, 11.5150, -37.9970

Conversions

Conversions Part 2

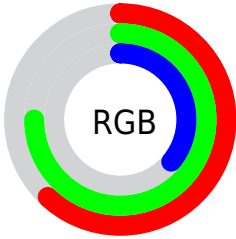
Format	Color
RYB	92, 191, 126
Decimal	10338140
CIELab	73.00, -27.17, 45.73
CIElCh	73, 53.191, 120.722
Yxy	45.1644, 0.3564, 0.4675
Android (android.graphics.Color)	4288528220 (0xFF9DBF5C)
YUV	169.5480, -38.2312, -11.0046
Hunter-Lab	67.2044, -26.1432, 32.0335

Details

The CIELCh color **73, 53.191, 120.722** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **47, 59.207, 307.000**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 52.787, 120.766**, and **53, 52.931, 120.736** is the 20% darker color. If you saturate the color by 10%, you get **72, 62.190, 120.395**, and if you desaturate by 10%, it is **74, 43.495, 121.180**.

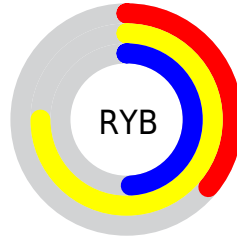
Distribution



Red (62%)

Green (75%)

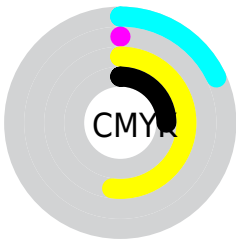
Blue (36%)



Red (36%)

Yellow (75%)

Blue (49%)

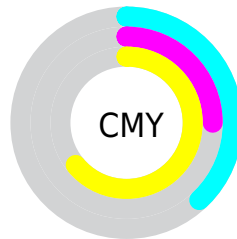


Cyan (18%)

Magenta (0%)

Yellow (52%)

Black (25%)



Cyan (38%)


Magenta (25%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 53.191, 120.722 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 73, 53.191, 120.722 by changing the saturation by 10% instead.


 73, 53.191,
120.722


 73, 53.191,
120.722


 100, 53.191,
120.722


 63, 53.191,
120.722


 93, 53.191,
120.722

 53, 53.191,
120.722

 43, 53.191,
120.722

 33, 53.191,
120.722

 23, 53.191,
120.722

 13, 53.191,
120.722

 3, 53.191, 120.722

0, 53.191, 120.722

73, 53.191,
120.722

73, 53.191,
120.722

72, 62.190,
120.395

74, 43.495,
121.180

72, 70.116,
120.283

74, 33.367,
121.703

71, 76.512,
120.497

75, 22.989,
122.253

71, 80.970,
121.147

76, 12.485,
122.803

71, 83.374,
121.949

77, 1.939, 123.362

78, 8.590, 303.828

79, 19.060,

304.306

■ 80, 29.441,
304.748

■ 81, 35.213,
306.582

Harmonies

Complementary

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



73, 53.191, 120.722



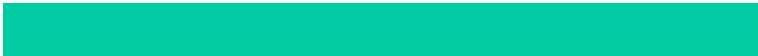
47, 59.207, 307.000

Rectangle

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



73, 53.191, 120.722



73, 53.191, 170.722



73, 53.191, 300.722



73, 53.191, 350.722

Sweetspot

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



73, 53.192, 120.724



95, 20.798, 122.562



59, 35.991, 52.260



51, 14.152, 122.447



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 53.192, 120.724



91, 76.711, 120.370



70, 60.972, 136.613



39, 5.914, 122.939



59, 72.394, 121.730



10, 18.221, 127.107

Inverse Universe

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



47, 59.207, 307.000



53, 87.916, 307.884



52, 61.849, 322.006



37, 6.019, 303.931



21, 90.011, 309.054



1, 17.730, 300.118

Previews

White Background



This preview shows how the CIELCh color 73, 53.191, 120.722 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 73, 53.191, 120.722 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 73, 53.191, 120.722

Background



This preview shows how black text looks on a background with the CIELCh color 73, 53.191, 120.722.



This preview shows how white text looks on a background with the CIELCh color 73, 53.191, 120.722.

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
73, 53.191, 120.722

Protanopia
73, 48.471, 95.565

Deuteranopia
73, 45.142, 77.701



Tritanopia
73, 8.321, 265.590

Trichromacy



Original Color
73, 53.191, 120.722

Protanomaly
73, 48.963, 105.370

Deuteranomaly
72, 44.583, 95.699

Tritanomaly
73, 16.363, 135.217

Monochromacy



Original Color
73, 53.191, 120.722

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 20.092, 121.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 53.191, 120.722 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(157, 191, 92)` looks like.

```
.text, #text, p{  
    color:rgb(157, 191, 92)  
}
```

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(157, 191, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 191, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 53.191, 120.722 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(157, 191, 92) }
```

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

```
.border{ border-color:rgb(157, 191, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 191, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 191, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 191, 92);  
box-shadow:4px 4px 4px 4px rgb(157, 191,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 53.191, 120.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 191, 92) }
```

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

```
.background{ background-color: rgb(157,  
191, 92) }
```

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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