

Converting Colors

CIELCh(61, 23.842, 305.540)

Have a look what the booklet for
CIELCh(61, 23.842, 305.540)
contains.

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Color

CIELCh(61, 23.842, 305.540)

Conversions

Conversions Part 1

Format	Color
Hex	9B8CB5
RGB	155, 140, 181
RGB Percent	61%, 55%, 71%
CMY	0.3904, 0.4493, 0.2884
CMYK	0.14, 0.23, 0.00, 0.29
HSL	262°, 22%, 63%
HSV	262°, 23%, 71%
XYZ	31.4293, 29.2481, 47.9473
YIQ	149.1590, -4.2210, 15.9310

Conversions

Conversions Part 2

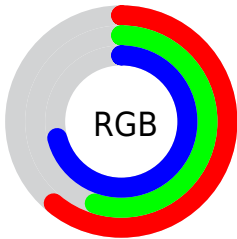
Format	Color
R_{YB}	155, 140, 181
Decimal	10194101
CIE _{Lab}	61.00, 13.86, -19.40
CIE _{LCh}	61, 23.842, 305.540
Yxy	29.2481, 0.2893, 0.2693
Android (android.graphics.Color)	4288384181 (0xFF9B8CB5)
YUV	149.1590, 15.6976, 5.1226
Hunter-Lab	54.0815, 9.0919, -14.7079

Details

The CIELCh color $61, 23.842, 305.540$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $72, 22.914, 123.081$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 23.635, 305.494$, and $41, 23.708, 305.149$ is the 20% darker color. If you saturate the color by 10%, you get $55, 34.922, 306.216$, and if you desaturate by 10%, it is $67, 13.081, 304.925$.

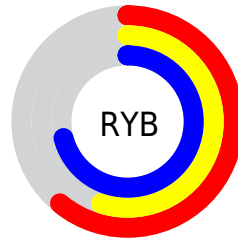
Distribution



Red (61%)

Green (55%)

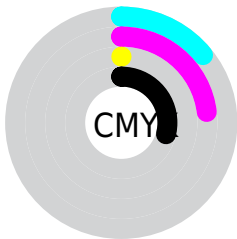
Blue (71%)



Red (61%)

Yellow (55%)

Blue (71%)

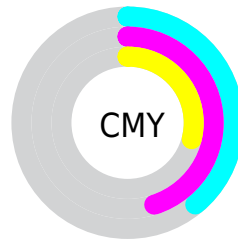


Cyan (14%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (39%)


Magenta (45%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.842, 305.540 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 61, 23.842, 305.540 by changing the saturation by 10% instead.


 61, 23.842,
305.540


 61, 23.842,
305.540


 100, 23.842,
305.540


 51, 23.842,
305.540


 81, 23.842,
305.540

 41, 23.842,
305.540

 91, 23.842,
305.540

 31, 23.842,
305.540

 21, 23.842,
305.540

 11, 23.842,
305.540

 1, 23.842, 305.540

 0, 23.842, 305.540

61, 23.842,
305.540

61, 23.842,
305.540

55, 34.922,
306.216

67, 13.081,
304.925

50, 46.259,
306.945

72, 2.666, 304.360

78, 7.402, 123.914

44, 57.709,
307.701

84, 17.133,
123.488

39, 68.995,
308.434

89, 26.542,
123.122

34, 79.628,
309.062

95, 35.645,
122.805

30, 88.844,
309.458


97, 37.712,
118.429

27, 95.690,
309.471

98, 37.063,
111.824

25, 99.358,

309.300

 98, 36.933,
107.362

Harmonies

Complementary

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



61, 23.842, 305.540



72, 22.914, 123.081

Rectangle

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



61, 23.842, 305.540



61, 23.842, 355.540



61, 23.842, 125.540



61, 23.842, 175.540

Sweetspot

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



61, 23.840, 305.539



89, 8.950, 304.614



67, 12.033, 240.263



47, 5.868, 304.647



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 23.840, 305.539



75, 35.666, 305.860



63, 26.313, 321.312



36, 5.904, 304.738



21, 88.550, 309.422



1, 15.683, 300.760

Inverse Universe

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



63, 21.303, 338.776



78, 31.665, 339.188



70, 26.113, 139.095



36, 5.343, 337.715



34, 61.568, 349.634



3, 13.341, 343.052

Previews

White Background



This preview shows how the CIELCh color 61, 23.842, 305.540 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 61, 23.842, 305.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

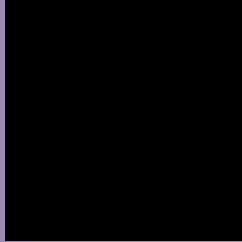
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.842, 305.540

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.842, 305.540.



This preview shows how white text looks on a background with the CIELCh color 61, 23.842, 305.540.

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


61, 23.842, 305.540

Protanopia

61, 22.047, 285.483

Deuteranopia

61, 20.873, 293.419



Tritanopia
61, 6.636, 310.918

Trichromacy



Original Color
61, 23.842, 305.540

Protanomaly
61, 22.549, 292.640

Deuteranomaly
61, 21.579, 298.114

Tritanomaly
61, 13.008, 308.086

Monochromacy



Original Color
61, 23.842, 305.540

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.121, 304.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.842, 305.540 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, 140, 181)` looks like.

```
.text, #text, p{  
    color:rgb(155, 140, 181)  
}
```

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, 140, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 140, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.842, 305.540 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, 140, 181) }
```

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

```
.border{ border-color:rgb(155, 140, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 140, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 140, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 140, 181);  
box-shadow:4px 4px 4px 4px rgb(155, 140,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.842, 305.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 140, 181) }
```

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

```
.background{ background-color: rgb(155,  
140, 181) }
```

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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