

Converting Colors

CIELCh(53, 31.563, 309.926)

Have a look what the booklet for
CIELCh(53, 31.563, 309.926)
contains.

CIELCh(53, 31.521, 309.916)	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(53, 31.521, 309.916)

Conversions

Conversions Part 1

Format	Color
Hex	8D74A8
RGB	141, 116, 168
RGB Percent	55%, 45%, 66%
CMY	0.4463, 0.5444, 0.3404
CMYK	0.16, 0.31, 0.00, 0.34
HSL	269°, 23%, 56%
HSV	269°, 31%, 66%
XYZ	24.3687, 21.0462, 39.9180
YIQ	129.4030, -1.7920, 21.4720

Conversions

Conversions Part 2

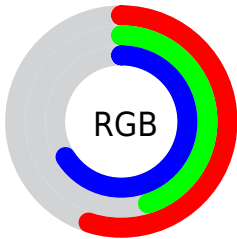
Format	Color
R _Y B	141, 116, 168
Decimal	9270440
CIE _{Lab}	53.00, 20.23, -24.18
CIE _{LCh}	53, 31.521, 309.916
Yxy	21.0462, 0.2856, 0.2466
Android (android.graphics.Color)	4287460520 (0xFF8D74A8)
YUV	129.4030, 19.0283, 10.1706
Hunter-Lab	45.8761, 14.5334, -19.4764

Details

The CIELCh color **53, 31.521, 309.916** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **66, 30.147, 126.962**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 31.451, 309.943**, and **33, 31.338, 309.699** is the 20% darker color. If you saturate the color by 10%, you get **48, 42.147, 310.472**, and if you desaturate by 10%, it is **58, 21.056, 309.380**.

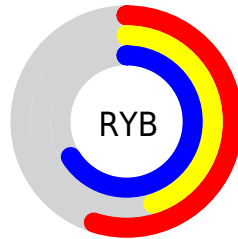
Distribution



Red (55%)

Green (45%)

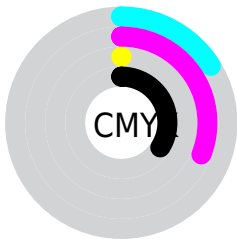
Blue (66%)



Red (55%)

Yellow (45%)

Blue (66%)

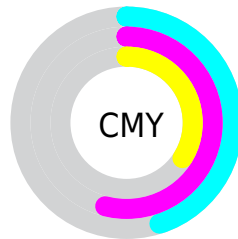


Cyan (16%)

Magenta (31%)

Yellow (0%)

Black (34%)



Cyan (45%)


Magenta (54%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 31.521, 309.916 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 53, 31.521, 309.916 by changing the saturation by 10% instead.


 53, 31.521,
309.916


 53, 31.521,
309.916


 100, 31.521,
309.916


 43, 31.521,
309.916


 73, 31.521,
309.916

 33, 31.521,
309.916

 83, 31.521,
309.916

 23, 31.521,
309.916

 93, 31.521,
309.916

 13, 31.521,
309.916

 3, 31.521, 309.916

 0, 31.521, 309.916

■ 53, 31.521,
309.916

■ 53, 31.521,
309.916

■ 48, 42.147,
310.472

■ 58, 21.056,
309.380

■ 43, 52.784,
311.024

■ 63, 10.840,
308.879

■ 38, 63.162,
311.527

■ 68, 0.909, 308.327

■ 34, 72.850,
311.912

■ 74, 8.721, 128.039

■ 31, 81.232,
312.083

■ 79, 18.052,
127.671


■ 28, 87.575,
311.925

■ 84, 27.091,
127.349

■ 25, 91.676,
311.548

■ 89, 35.850,
127.069

■ 94, 44.344,
126.825

 96, 45.627,
123.974

Harmonies

Complementary

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



53, 31.521, 309.916



66, 30.147, 126.962

Rectangle

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



53, 31.521, 309.916



53, 31.521, 359.916



53, 31.521, 129.916



53, 31.521, 179.916

Sweetspot

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



53, 31.519, 309.916



82, 11.057, 308.794



58, 16.416, 256.400



42, 7.687, 308.862



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



53, 31.519, 309.916



64, 47.147, 310.291



56, 34.890, 325.129



33, 5.606, 308.800



22, 83.317, 311.667



1, 9.973, 306.000

Inverse Universe

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



55, 25.475, 345.406



67, 37.821, 346.159



64, 34.832, 141.522



33, 4.589, 343.333



31, 56.775, 359.410



2, 7.888, 346.597

Previews

White Background



This preview shows how the CIELCh color 53, 31.521, 309.916 looks on a white background.

Color Contrast Check

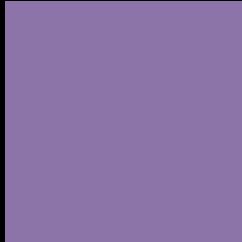
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 31.521, 309.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

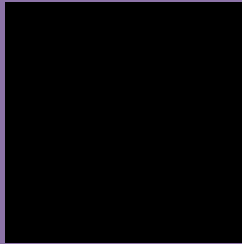
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 31.521, 309.916

Background



This preview shows how black text looks on a background with the CIELCh color 53, 31.521, 309.916.



This preview shows how white text looks on a background with the CIELCh color 53, 31.521, 309.916.

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
53, 31.521, 309.916

Protanopia
53, 29.069, 285.308

Deuteranopia
53, 24.365, 286.730



Tritanopia
53, 7.513, 329.879

Trichromacy



Original Color
53, 31.521, 309.916

Protanomaly
53, 29.552, 294.372

Deuteranomaly
53, 26.148, 296.345

Tritanomaly
53, 15.779, 314.501

Monochromacy



Original Color
53, 31.521, 309.916

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 11.554, 308.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 31.521, 309.916 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(141, 116, 168)` looks like.

```
.text, #text, p{  
    color:rgb(141, 116, 168)  
}
```

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(141, 116, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 116, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 31.521, 309.916 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(141, 116, 168) }
```

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

```
.border{ border-color:rgb(141, 116, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 116, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 116, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 116, 168);  
box-shadow:4px 4px 4px 4px rgb(141, 116,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 31.521, 309.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 116, 168) }
```

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

```
.background{ background-color: rgb(141,  
116, 168) }
```

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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