

Converting Colors

CIELCh(53, 20.307, 317.709)

Have a look what the booklet for
CIELCh(53, 20.307, 317.709)
contains.

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Color

CIELCh(53, 20.012, 317.905)

Conversions

Conversions Part 1

Format	Color
Hex	8E7796
RGB	142, 119, 150
RGB Percent	56%, 47%, 59%
CMY	0.4443, 0.5344, 0.4129
CMYK	0.05, 0.21, 0.00, 0.41
HSL	285°, 13%, 53%
HSV	285°, 21%, 59%
XYZ	23.1522, 21.0462, 31.5751
YIQ	129.4110, 3.7570, 14.5170

Conversions

Conversions Part 2

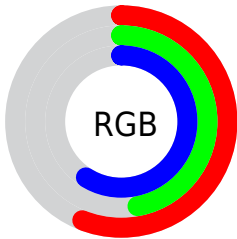
Format	Color
RYB	142, 119, 150
Decimal	9336726
CIELab	53.00, 14.85, -13.42
CIELCh	53, 20.012, 317.905
Yxy	21.0462, 0.3055, 0.2778
Android (android.graphics.Color)	4287526806 (0xFF8E7796)
YUV	129.4110, 10.1504, 11.0406
Hunter-Lab	45.8761, 9.7999, -8.6942

Details

The CIELCh color $53, 20.012, 317.905$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 19.756, 136.102$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 20.140, 318.214$, and $33, 20.178, 317.664$ is the 20% darker color. If you saturate the color by 10%, you get $49, 29.844, 318.332$, and if you desaturate by 10%, it is $57, 10.255, 317.472$.

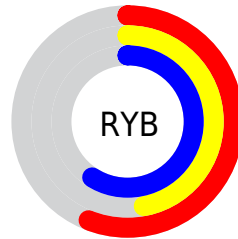
Distribution



Red (56%)

Green (47%)

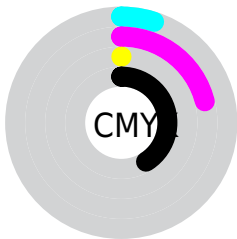
Blue (59%)



Red (56%)

Yellow (47%)

Blue (59%)

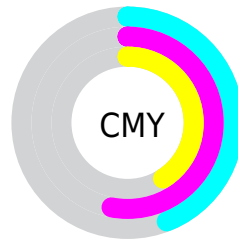


Cyan (5%)

Magenta (21%)

Yellow (0%)

Black (41%)



Cyan (44%)


Magenta (53%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 20.012, 317.905 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, 20.012, 317.905 by changing the saturation by 10% instead.


 53, 20.012,
317.905


 53, 20.012,
317.905


 100, 20.012,
317.905


 43, 20.012,
317.905


 73, 20.012,
317.905

 33, 20.012,
317.905

 83, 20.012,
317.905

 23, 20.012,
317.905

 93, 20.012,
317.905

 13, 20.012,
317.905

 3, 20.012, 317.905

 0, 20.012, 317.905

53, 20.012,
317.905

53, 20.012,
317.905

49, 29.844,
318.332

57, 10.255,
317.472

45, 39.614,
318.739

62, 0.668, 316.841

66, 8.699, 136.698

41, 49.100,
319.100

70, 17.818,
136.320

37, 57.994,
319.379

75, 26.681,
135.976

34, 65.891,
319.532

79, 35.285,
135.661

32, 72.333,
319.507


84, 43.638,
135.375

30, 76.906,
319.251

88, 51.747,
135.117

28, 79.838,

318.859

 93, 59.626,
134.883

Harmonies

Complementary

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



53, 20.012, 317.905



59, 19.756, 136.102

Rectangle

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



53, 20.012, 317.905



53, 20.012, 7.905



53, 20.012, 137.905



53, 20.012, 187.905

Sweetspot

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



53, 20.010, 317.905



75, 7.069, 317.269



53, 13.398, 278.862



39, 4.678, 317.295



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 20.010, 317.905



65, 29.924, 318.111



54, 18.270, 333.029



29, 5.354, 317.406



26, 75.093, 318.922



1, 4.643, 317.041

Inverse Universe

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



53, 13.420, 0.985



65, 20.191, 1.577



59, 18.176, 150.279



29, 3.539, 359.711



28, 56.148, 23.281



1, 3.034, 358.924

Previews

White Background



This preview shows how the CIELCh color 53, 20.012, 317.905 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, 20.012, 317.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

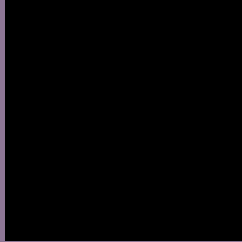
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 20.012, 317.905

Background



This preview shows how black text looks on a background with the CIELCh color 53, 20.012, 317.905.



This preview shows how white text looks on a background with the CIELCh color 53, 20.012, 317.905.

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, 20.012, 317.905

Protanopia

53, 16.846, 286.144

Deuteranopia

53, 14.590, 297.772



Tritanopia
53, 8.920, 340.069

Trichromacy



Original Color
53, 20.012, 317.905

Protanomaly
53, 16.952, 298.427

Deuteranomaly
53, 16.249, 306.692

Tritanomaly
53, 12.370, 328.178

Monochromacy



Original Color
53, 20.012, 317.905

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 7.812, 317.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 20.012, 317.905 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(142, 119, 150)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 150)  
}
```

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(142, 119, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 20.012, 317.905 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(142, 119, 150) }
```

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

```
.border{ border-color:rgb(142, 119, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 119, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 150);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 20.012, 317.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 150) }
```

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

```
.background{ background-color: rgb(142,  
119, 150) }
```

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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