

Converting Colors

CIELCh(53, 6.024, 21.371)

Have a look what the booklet for
CIELCh(53, 6.024, 21.371) contains.

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Color

CIELCh(53, 6.115, 20.016)

Conversions

Conversions Part 1

Format	Color
Hex	8A7B7B
RGB	138, 123, 123
RGB Percent	54%, 48%, 48%
CMY	0.4583, 0.5171, 0.5171
CMYK	0.00, 0.11, 0.11, 0.46
HSL	0°, 6%, 51%
HSV	0°, 11%, 54%
XYZ	21.1856, 21.0462, 21.7273
YIQ	127.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

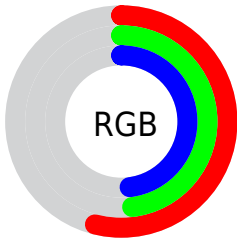
Format	Color
R_{YB}	138, 123, 123
Decimal	9075579
CIE Lab	53.00, 5.75, 2.09
CIE LCh	53, 6.115, 20.016
Yxy	21.0462, 0.3312, 0.3291
Android (android.graphics.Color)	4287265659 (0xFF8A7B7B)
YUV	127.4850, -2.2111, 9.2217
Hunter-Lab	45.8761, 2.1483, 4.0330

Details

The CIELCh color $53, 6.115, 20.016$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 5.721, 198.924$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 6.478, 19.879$, and $33, 6.283, 20.352$ is the 20% darker color. If you saturate the color by 10%, you get $49, 12.199, 20.863$, and if you desaturate by 10%, it is $57, 0.467, 18.574$.

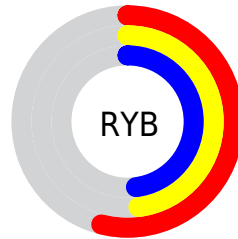
Distribution



Red (54%)

Green (48%)

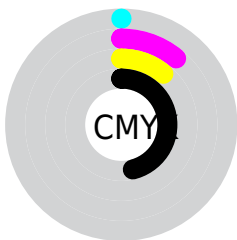
Blue (48%)



Red (54%)

Yellow (48%)

Blue (48%)

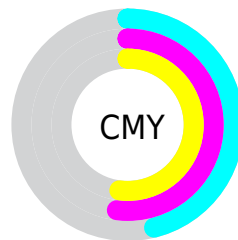


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (46%)



Cyan (46%)

Magenta (52%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 6.115, 20.016 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, 6.115, 20.016 by changing the saturation by 10% instead.


 53, 6.115, 20.016  53, 6.115, 20.016


 100, 6.115, 20.016  43, 6.115, 20.016

 73, 6.115, 20.016  33, 6.115, 20.016

 83, 6.115, 20.016  23, 6.115, 20.016

 93, 6.115, 20.016  13, 6.115, 20.016

 3, 6.115, 20.016

 0, 6.115, 20.016

 53, 6.115, 20.016  53, 6.115, 20.016

 49, 12.199, 20.863  57, 0.467, 18.574

 45, 18.725, 21.906  61, 4.766, 199.068

41, 25.660, 23.250

66, 9.622, 198.630

38, 32.920, 24.990

70, 14.139,
198.299

35, 40.354, 27.227

74, 18.356,
198.034

32, 47.747, 30.031

30, 54.801, 33.344

78, 22.310,
197.818

29, 60.982, 36.759

83, 26.034,
197.640

28, 65.292, 38.953

87, 29.555,
197.492

91, 32.899,
197.367

Harmonies

Complementary

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



53, 6.115, 20.016



56, 5.721, 198.924

Rectangle

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



53, 6.115, 20.016



53, 6.115, 70.016



53, 6.115, 200.016



53, 6.115, 250.016

Sweetspot

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



53, 6.114, 20.029



71, 2.022, 19.347



53, 10.509, 324.998



37, 1.531, 19.441



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 6.114, 20.029



66, 9.106, 20.218



55, 5.259, 74.088



27, 3.148, 19.898



27, 63.127, 38.662



0, 1.414, 19.420

Inverse Universe

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



56, 5.721, 198.924



71, 8.389, 198.789



54, 5.129, 256.852



29, 2.977, 199.024



50, 30.831, 196.413



1, 1.414, 199.437

Previews

White Background



This preview shows how the CIE LCh color 53, 6.115, 20.016 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, 6.115, 20.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

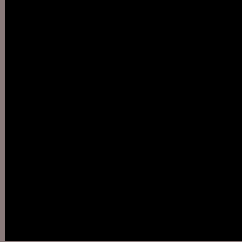
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 6.115, 20.016

Background



This preview shows how black text looks on a background with the CIELCh color 53, 6.115, 20.016.



This preview shows how white text looks on a background with the CIELCh color 53, 6.115, 20.016.

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, 6.115, 20.016

Protanopia

53, 1.325, 44.999

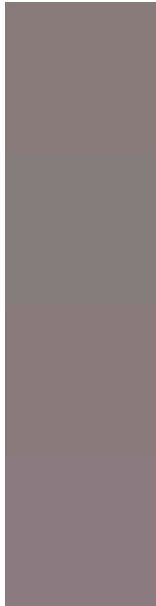
Deuteranopia

53, 7.377, 15.714



Tritanopia
53, 8.567, 343.037

Trichromacy



Original Color
53, 6.115, 20.016

Protanomaly
53, 2.878, 31.115

Deuteranomaly
53, 6.962, 15.394

Tritanomaly
53, 7.679, 353.475

Monochromacy



Original Color
53, 6.115, 20.016

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 2.407, 19.502

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 53, 6.115, 20.016 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(138, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(138, 123, 123)  
}
```

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(138, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 123, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 6.115, 20.016 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(138, 123, 123) }
```

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

```
.border{ border-color:rgb(138, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(138, 123,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 6.115, 20.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 123, 123) }
```

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

```
.background{ background-color: rgb(138,  
123, 123) }
```

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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