

Converting Colors

CIELCh(53, 6.629, 27.315)

Have a look what the booklet for
CIELCh(53, 6.629, 27.315) contains.

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Color

CIELCh(53, 6.574, 25.070)

Conversions

Conversions Part 1

Format	Color
Hex	8B7B7A
RGB	139, 123, 122
RGB Percent	55%, 48%, 48%
CMY	0.4551, 0.5178, 0.5217
CMYK	0.00, 0.12, 0.12, 0.46
HSL	4°, 7%, 51%
HSV	4°, 12%, 54%
XYZ	21.2295, 21.0462, 21.3434
YIQ	127.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

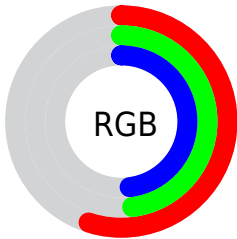
Format	Color
R_{YB}	139, 123, 122
Decimal	9141114
CIE Lab	53.00, 5.95, 2.79
CIE LCh	53, 6.574, 25.070
Yxy	21.0462, 0.3337, 0.3308
Android (android.graphics.Color)	4287331194 (0xFF8B7B7A)
YUV	127.6700, -2.7953, 9.9364
Hunter-Lab	45.8761, 2.3189, 4.5292

Details

The CIELCh color $53, 6.574, 25.070$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 6.086, 204.300$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 6.899, 24.397$, and $33, 6.804, 25.679$ is the 20% darker color. If you saturate the color by 10%, you get $49, 12.427, 25.713$, and if you desaturate by 10%, it is $57, 1.153, 24.338$.

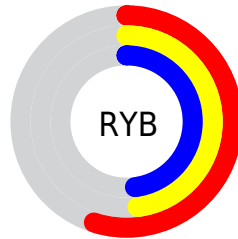
Distribution



Red (55%)

Green (48%)

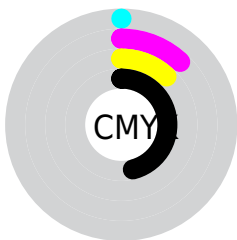
Blue (48%)



Red (55%)

Yellow (48%)

Blue (48%)

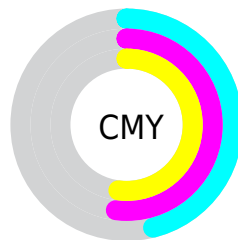


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (46%)



Cyan (46%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 6.574, 25.070 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, 6.574, 25.070 by changing the saturation by 10% instead.

 53, 6.574, 25.070  53, 6.574, 25.070

 100, 6.574, 25.070  43, 6.574, 25.070

 73, 6.574, 25.070  33, 6.574, 25.070

 83, 6.574, 25.070  23, 6.574, 25.070

 93, 6.574, 25.070  13, 6.574, 25.070

 3, 6.574, 25.070

 0, 6.574, 25.070

 53, 6.574, 25.070  53, 6.574, 25.070

 49, 12.427, 25.713  57, 1.153, 24.338

 45, 18.730, 26.529  61, 3.861, 204.495

42, 25.467, 27.609

65, 8.507, 204.202

38, 32.582, 29.029

69, 12.824,
204.022

35, 39.963, 30.860

73, 16.850,
203.902

33, 47.423, 33.139

31, 54.653, 35.779

77, 20.620,
203.826

29, 61.020, 38.356

81, 24.165,
203.781

29, 64.811, 40.014

85, 27.514,
203.761

89, 30.689,
203.759

Harmonies

Complementary

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



53, 6.574, 25.070



56, 6.086, 204.300

Rectangle

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



53, 6.574, 25.070



53, 6.574, 75.070



53, 6.574, 205.070



53, 6.574, 255.070

Sweetspot

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



53, 6.573, 25.083



72, 2.584, 24.579



53, 11.504, 326.454



38, 1.856, 24.636



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 6.573, 25.083



66, 10.127, 25.264



55, 6.185, 79.101



27, 2.973, 24.910



27, 62.320, 39.762



0, 1.335, 24.618

Inverse Universe

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



56, 6.086, 204.300



71, 9.183, 204.202



54, 6.064, 262.283



28, 2.809, 204.413



47, 28.608, 206.015



1, 1.335, 204.636

Previews

White Background



This preview shows how the CIELCh color 53, 6.574, 25.070 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, 6.574, 25.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

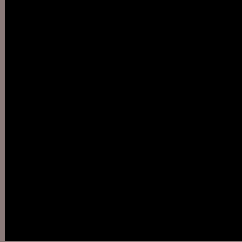
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 6.574, 25.070

Background



This preview shows how black text looks on a background with the CIELCh color 53, 6.574, 25.070.



This preview shows how white text looks on a background with the CIELCh color 53, 6.574, 25.070.

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, 6.574, 25.070

Protanopia

53, 1.969, 55.166

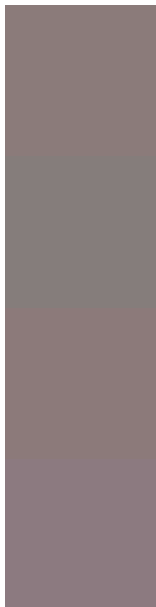
Deuteranopia

53, 7.794, 20.221



Tritanopia
53, 8.889, 344.672

Trichromacy



Original Color
53, 6.574, 25.070

Protanomaly
53, 3.433, 39.219

Deuteranomaly
53, 7.375, 20.172

Tritanomaly
53, 8.044, 354.844

Monochromacy



Original Color
53, 6.574, 25.070

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, 6.574, 25.070 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(139, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(139, 123, 122)  
}
```

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(139, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 123, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 6.574, 25.070 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(139, 123, 122) }
```

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

```
.border{ border-color:rgb(139, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(139, 123,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 6.574, 25.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 123, 122) }
```

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

```
.background{ background-color: rgb(139,  
123, 122) }
```

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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