

Converting Colors

CIELCh(53, 8.938, 60.229)

Have a look what the booklet for
CIELCh(53, 8.938, 60.229) contains.

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Color

CIELCh(53, 9.264, 62.824)

Conversions

Conversions Part 1

Format	Color
Hex	8C7C71
RGB	140, 124, 113
RGB Percent	55%, 49%, 44%
CMY	0.4525, 0.5152, 0.5583
CMYK	0.00, 0.11, 0.19, 0.45
HSL	24°, 11%, 49%
HSV	24°, 19%, 55%
XYZ	20.8697, 21.0462, 18.4756
YIQ	127.5300, 13.0670, -0.0290

Conversions

Conversions Part 2

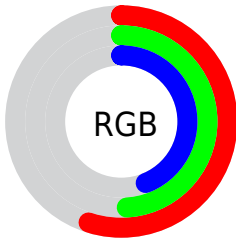
Format	Color
R_{YB}	140, 132, 113
Decimal	9206897
CIE _{Lab}	53.00, 4.23, 8.24
CIE _{LCh}	53, 9.264, 62.824
Yxy	21.0462, 0.3456, 0.3485
Android (android.graphics.Color)	4287396977 (0xFF8C7C71)
YUV	127.5300, -7.1633, 10.9362
Hunter-Lab	45.8761, 0.9190, 8.2356

Details

The CIELCh color $53, 9.264, 62.824$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 8.570, 247.170$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 9.204, 59.922$, and $33, 9.472, 61.297$ is the 20% darker color. If you saturate the color by 10%, you get $50, 14.495, 61.870$, and if you desaturate by 10%, it is $56, 4.338, 63.793$.

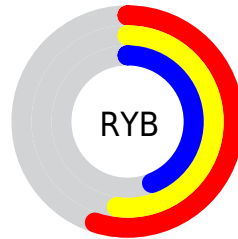
Distribution



Red (55%)

Green (49%)

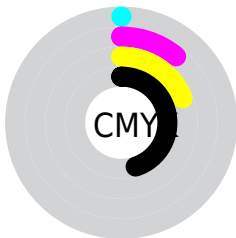
Blue (44%)



Red (55%)

Yellow (52%)

Blue (44%)

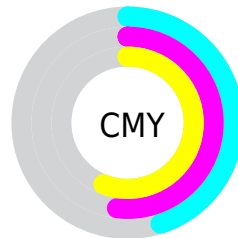


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (45%)



Cyan (45%)

Magenta (52%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 9.264, 62.824 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, 9.264, 62.824 by changing the saturation by 10% instead.

 53, 9.264, 62.824  53, 9.264, 62.824

 100, 9.264, 62.824  43, 9.264, 62.824

 73, 9.264, 62.824  33, 9.264, 62.824

 83, 9.264, 62.824  23, 9.264, 62.824

 93, 9.264, 62.824  13, 9.264, 62.824

 3, 9.264, 62.824

 0, 9.264, 62.824

 53, 9.264, 62.824  53, 9.264, 62.824

 50, 14.495, 61.870  56, 4.338, 63.793

 48, 20.049, 60.926  58, 0.310, 245.962

45, 25.931, 60.015

61, 4.707, 245.948

43, 32.113, 59.133

64, 8.882, 246.903

41, 38.503, 58.249

66, 12.860,
247.861

39, 44.880, 57.273

69, 16.665,
248.799

37, 50.789, 55.997

35, 56.136, 54.591

72, 20.318,
249.712

35, 56.543, 54.549

75, 23.836,
250.593

77, 27.237,
251.443

Harmonies

Complementary

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



53, 9.264, 62.824



53, 8.570, 247.170

Rectangle

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



53, 9.264, 62.824



53, 9.264, 112.824



53, 9.264, 242.824



53, 9.264, 292.824

Sweetspot

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



53, 9.264, 62.836



72, 3.417, 64.072



51, 14.338, 340.082



38, 2.288, 64.027



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, 9.264, 62.836



66, 13.804, 62.432



57, 13.811, 103.831



28, 2.594, 63.809



33, 54.366, 54.726



1, 1.177, 64.799

Inverse Universe

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



53, 8.570, 247.170



66, 12.532, 247.784



49, 14.280, 288.046



28, 2.508, 245.883



32, 36.005, 271.865



1, 1.177, 244.816

Previews

White Background



This preview shows how the CIELCh color 53, 9.264, 62.824 looks on a white background.

Color Contrast Check

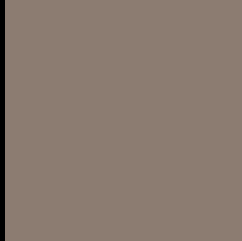
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.264, 62.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

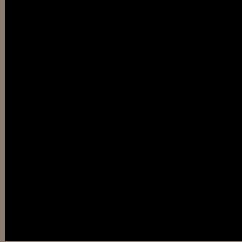
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 9.264, 62.824

Background



This preview shows how black text looks on a background with the CIELCh color 53, 9.264, 62.824.

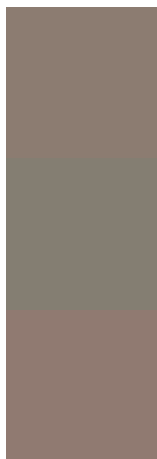


This preview shows how white text looks on a background with the CIELCh color 53, 9.264, 62.824.

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, 9.264, 62.824

Protanopia

53, 7.341, 89.462

Deuteranopia

53, 10.679, 49.123



Tritanopia
53, 9.909, 348.967

Trichromacy



Original Color
53, 9.264, 62.824

Protanomaly
53, 7.587, 76.046

Deuteranomaly
53, 9.896, 55.475

Tritanomaly
53, 7.834, 11.811

Monochromacy



Original Color
53, 9.264, 62.824

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.340, 63.058

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 53, 9.264, 62.824 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(140, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(140, 124, 113)  
}
```

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(140, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 124, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 9.264, 62.824 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(140, 124, 113) }
```

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

```
.border{ border-color:rgb(140, 124, 113) }
```

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

Here you see how a box with a 4 pixel rgb(140, 124, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 124, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 124, 113);  
box-shadow:4px 4px 4px 4px rgb(140, 124,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 9.264, 62.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 124, 113) }
```

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

```
.background{ background-color: rgb(140,  
124, 113) }
```

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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