

Converting Colors

CIELCh(53, 23.517, 94.079)

Have a look what the booklet for
CIELCh(53, 23.517, 94.079) contains.

CIELCh(53, 23.517, 94.079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 23.517, 94.079)

Conversions

Conversions Part 1

Format	Color
Hex	8A7E56
RGB	138, 126, 86
RGB Percent	54%, 49%, 34%
CMY	0.4583, 0.5053, 0.6622
CMYK	0.00, 0.09, 0.38, 0.46
HSL	46°, 23%, 44%
HSV	46°, 38%, 54%
XYZ	19.6681, 21.0462, 11.8574
YIQ	125.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

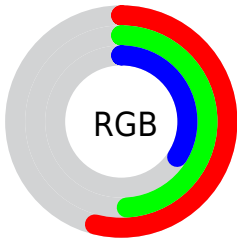
Format	Color
RYB	102, 138, 86
Decimal	9076310
CIELab	53.00, -1.67, 23.46
CIElCh	53, 23.517, 94.079
Yxy	21.0462, 0.3741, 0.4003
Android (android.graphics.Color)	4287266390 (0xFF8A7E56)
YUV	125.0280, -19.2408, 11.3764
Hunter-Lab	45.8761, -3.7562, 16.7888

Details

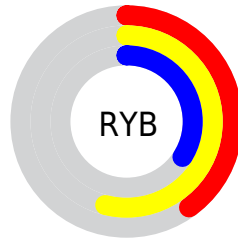
The CIELCh color **53, 23.517, 94.079** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **42, 24.348, 284.056**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 23.763, 94.926**, and **33, 23.368, 93.634** is the 20% darker color. If you saturate the color by 10%, you get **52, 29.748, 92.847**, and if you desaturate by 10%, it is **54, 17.231, 95.295**.

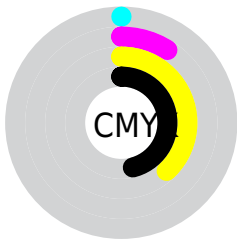
Distribution



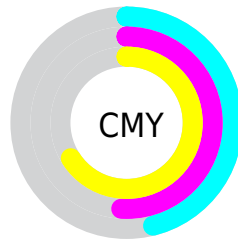
- Red (54%)
- Green (49%)
- Blue (34%)



- Red (40%)
- Yellow (54%)
- Blue (34%)



- Cyan (0%)
- Magenta (9%)
- Yellow (38%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 23.517, 94.079 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, 23.517, 94.079 by changing the saturation by 10% instead.

■ 53, 23.517, 94.079

■ 53, 23.517, 94.079

■ 100, 23.517,
94.079

■ 43, 23.517, 94.079

■ 73, 23.517, 94.079

■ 33, 23.517, 94.079

■ 83, 23.517, 94.079

■ 23, 23.517, 94.079

■ 93, 23.517, 94.079

■ 13, 23.517, 94.079

■ 3, 23.517, 94.079

■ 0, 23.517, 94.079

■ 53, 23.517, 94.079

■ 53, 23.517, 94.079

■ 52, 29.748, 92.847

■ 54, 17.231, 95.295

■ 51, 35.807, 91.586

■ 55, 10.953, 96.476

■ 50, 41.499, 90.298

■ 57, 4.720, 97.611

■ 49, 46.511, 88.961

■ 58, 1.451, 278.843

■ 48, 50.399, 87.534

■ 59, 7.551, 279.839

■ 47, 52.981, 85.986

■ 60, 13.578,
280.857

■ 47, 53.600, 85.637

■ 62, 19.531,
281.832

■ 63, 25.414,
282.762

■ 65, 31.228,
283.644

Harmonies

Complementary

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



53, 23.517, 94.079



42, 24.348, 284.056

Rectangle

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



53, 23.517, 94.079



53, 23.517, 144.079



53, 23.517, 274.079



53, 23.517, 324.079

Sweetspot

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



53, 23.518, 94.084



71, 8.386, 97.211



43, 23.363, 5.098



37, 5.617, 97.082



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, 23.518, 94.084



66, 34.646, 93.057



55, 29.767, 118.319



29, 3.476, 97.445



45, 52.050, 85.714



1, 1.611, 98.490

Inverse Universe

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



42, 24.348, 284.056



50, 36.308, 285.762



40, 32.202, 303.303



27, 3.507, 279.594



19, 67.742, 300.544



0, 1.611, 278.495

Previews

White Background



This preview shows how the CIELCh color 53, 23.517, 94.079 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 CIELCh color 53, 23.517, 94.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

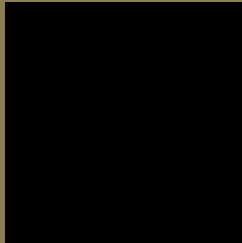
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 23.517, 94.079

Background



This preview shows how black text looks on a background with the CIELCh color 53, 23.517, 94.079.



This preview shows how white text looks on a background with the CIELCh color 53, 23.517, 94.079.

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, 23.517, 94.079

Protanopia

53, 23.837, 96.418

Deuteranopia

53, 24.056, 73.390



Tritanopia
53, 10.256, 350.218

Trichromacy



Original Color
53, 23.517, 94.079

Protanomaly
53, 23.837, 96.418

Deuteranomaly
53, 23.269, 81.132

Tritanomaly
53, 9.189, 54.229

Monochromacy



Original Color
53, 23.517, 94.079

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.336, 94.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 23.517, 94.079 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, 126, 86)` looks like.

```
.text, #text, p{  
    color:rgb(138, 126, 86)  
}
```

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, 126, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 126, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 23.517, 94.079 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, 126, 86) }
```

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

```
.border{ border-color:rgb(138, 126, 86) }
```

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

Here you see how a box with a 4 pixel rgb(138, 126, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 126, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 126, 86);  
box-shadow:4px 4px 4px 4px rgb(138, 126,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 23.517, 94.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 126, 86) }
```

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

```
.background{ background-color: rgb(138,  
126, 86) }
```

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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