

Converting Colors

CIELCh(53, 26.169, 46.335)

Have a look what the booklet for
CIELCh(53, 26.169, 46.335) contains.

CIELCh(53, 26.125, 46.014)	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, 26.125, 46.014)

Conversions

Conversions Part 1

Format	Color
Hex	A6725F
RGB	166, 114, 95
RGB Percent	65%, 45%, 37%
CMY	0.3481, 0.5521, 0.6266
CMYK	0.00, 0.31, 0.43, 0.35
HSL	16°, 29%, 51%
HSV	16°, 43%, 65%
XYZ	23.8925, 21.0462, 13.6792
YIQ	127.3820, 37.0910, 5.1150

Conversions

Conversions Part 2

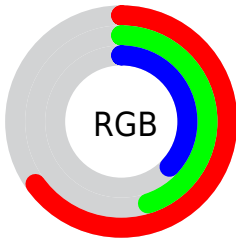
Format	Color
R_{YB}	166, 121, 95
Decimal	10908255
CIE _{Lab}	53.00, 18.14, 18.80
CIE _{LCh}	53, 26.125, 46.014
Yxy	21.0462, 0.4076, 0.3590
Android (android.graphics.Color)	4289098335 (0xFFA6725F)
YUV	127.3820, -15.9643, 33.8680
Hunter-Lab	45.8761, 12.6806, 14.4343

Details

The CIELCh color **53, 26.125, 46.014** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 19.669, 231.720**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 26.110, 45.321**, and **33, 25.995, 46.180** is the 20% darker color. If you saturate the color by 10%, you get **50, 33.513, 45.974**, and if you desaturate by 10%, it is **56, 19.232, 46.205**.

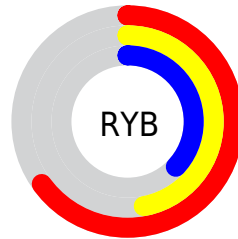
Distribution



Red (65%)

Green (45%)

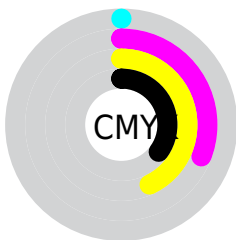
Blue (37%)



Red (65%)

Yellow (47%)

Blue (37%)

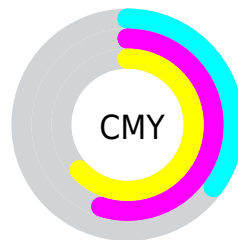


Cyan (0%)

Magenta (31%)

Yellow (43%)

Black (35%)



Cyan (35%)

Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 26.125, 46.014 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, 26.125, 46.014 by changing the saturation by 10% instead.

■ 53, 26.125, 46.014

■ 53, 26.125, 46.014

■ 100, 26.125,
46.014

■ 43, 26.125, 46.014

■ 73, 26.125, 46.014

■ 33, 26.125, 46.014

■ 83, 26.125, 46.014

■ 23, 26.125, 46.014

■ 93, 26.125, 46.014

■ 13, 26.125, 46.014

■ 3, 26.125, 46.014

■ 0, 26.125, 46.014

■ 53, 26.125, 46.014

■ 53, 26.125, 46.014

■ 50, 33.513, 45.974

■ 56, 19.232, 46.205

■ 47, 41.350, 46.078

■ 60, 12.837, 46.506

44, 49.489, 46.296

64, 6.914, 46.884

41, 57.578, 46.494

67, 1.424, 47.113

39, 64.850, 46.319

71, 3.674, 228.088

38, 69.599, 46.212

75, 8.424, 228.587

78, 12.866,
229.158

82, 17.039,
229.750

86, 20.975,
230.348

Harmonies

Complementary

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



53, 26.125, 46.014



58, 19.669, 231.720

Rectangle

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



53, 26.125, 46.014



53, 26.125, 96.014



53, 26.125, 226.014



53, 26.125, 276.014

Sweetspot

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



53, 26.124, 46.019



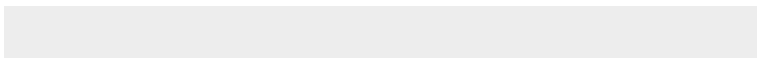
81, 8.781, 46.864



50, 39.802, 335.999



42, 6.245, 46.779



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



53, 26.124, 46.019



64, 40.108, 45.972



62, 30.982, 93.196



34, 3.064, 47.017



34, 63.564, 46.446



2, 5.489, 43.048

Inverse Universe

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



58, 19.669, 231.720



72, 28.028, 233.350



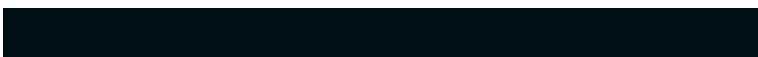
48, 32.303, 285.061



34, 2.909, 228.215



43, 30.952, 248.915



4, 5.385, 236.453

Previews

White Background



This preview shows how the CIELCh color 53, 26.125, 46.014 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, 26.125, 46.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

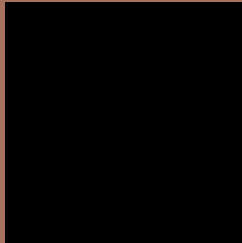
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 26.125, 46.014

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.125, 46.014.



This preview shows how white text looks on a background with the CIELCh color 53, 26.125, 46.014.

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, 26.125, 46.014

Protanopia

53, 15.321, 95.292

Deuteranopia

53, 20.563, 70.885



Tritanopia
53, 24.234, 11.637

Trichromacy



Original Color
53, 26.125, 46.014

Protanomaly
53, 17.055, 70.416

Deuteranomaly
53, 22.235, 60.389

Tritanomaly
53, 23.752, 24.924

Monochromacy



Original Color
53, 26.125, 46.014

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 8.924, 46.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.125, 46.014 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(166, 114, 95)` looks like.

```
.text, #text, p{  
    color:rgb(166, 114, 95)  
}
```

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(166, 114, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 114, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.125, 46.014 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(166, 114, 95) }
```

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

```
.border{ border-color:rgb(166, 114, 95) }
```

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

Here you see how a box with a 4 pixel rgb(166, 114, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 114, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 114, 95);  
box-shadow:4px 4px 4px 4px rgb(166, 114,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.125, 46.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 114, 95) }
```

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

```
.background{ background-color: rgb(166,  
114, 95) }
```

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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