

Converting Colors

CIELCh(47, 16.986, 25.985)

Have a look what the booklet for
CIELCh(47, 16.986, 25.985) contains.

CIELCh(47, 17.051, 25.426)	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(47, 17.051, 25.426)

Conversions

Conversions Part 1

Format	Color
Hex	8D6664
RGB	141, 102, 100
RGB Percent	55%, 40%, 39%
CMY	0.4480, 0.6008, 0.6087
CMYK	0.00, 0.28, 0.29, 0.45
HSL	3°, 17%, 47%
HSV	3°, 29%, 55%
XYZ	17.9660, 16.0195, 14.1481
YIQ	113.4330, 23.8860, 7.6460

Conversions

Conversions Part 2

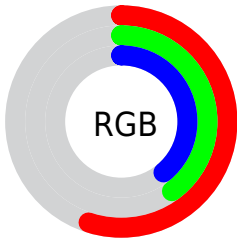
Format	Color
R_{YB}	141, 102, 100
Decimal	9266788
CIE Lab	47.00, 15.40, 7.32
CIE LCh	47, 17.051, 25.426
Yxy	16.0195, 0.3733, 0.3328
Android (android.graphics.Color)	4287456868 (0xFF8D6664)
YUV	113.4330, -6.6225, 24.1763
Hunter-Lab	40.0243, 10.0822, 7.0588

Details

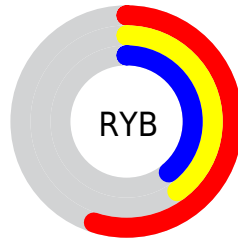
The CIELCh color $47, 17.051, 25.426$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 14.008, 202.821$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 17.308, 24.603$, and $27, 17.224, 26.871$ is the 20% darker color. If you saturate the color by 10%, you get $43, 23.777, 26.477$, and if you desaturate by 10%, it is $51, 10.766, 24.635$.

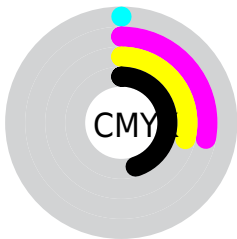
Distribution



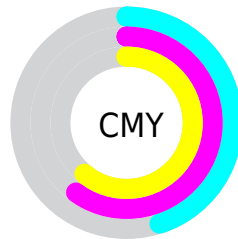
- Red (55%)
- Green (40%)
- Blue (39%)



- Red (55%)
- Yellow (40%)
- Blue (39%)



- Cyan (0%)
- Magenta (28%)
- Yellow (29%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 17.051, 25.426 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 47, 17.051, 25.426 by changing the saturation by 10% instead.

■ 47, 17.051, 25.426

■ 47, 17.051, 25.426

■ 100, 17.051,
25.426

■ 37, 17.051, 25.426

■ 67, 17.051, 25.426

■ 27, 17.051, 25.426

■ 77, 17.051, 25.426

■ 17, 17.051, 25.426

■ 87, 17.051, 25.426

■ 7, 17.051, 25.426

■ 97, 17.051, 25.426

■ 0, 17.051, 25.426

■ 47, 17.051, 25.426

■ 47, 17.051, 25.426

■ 43, 23.777, 26.477

■ 51, 10.766, 24.635

■ 40, 30.903, 27.850

■ 55, 4.935, 24.001

37, 38.324, 29.630

59, 0.462, 204.579

34, 45.869, 31.875

63, 5.457, 203.404

32, 53.270, 34.550

67, 10.089,
203.127

30, 60.035, 37.372

71, 14.398,
202.939

29, 65.226, 39.698

29, 65.646, 39.904

75, 18.421,
202.806

80, 22.193,
202.714

84, 25.745,
202.652

Harmonies

Complementary

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



47, 17.051, 25.426



55, 14.008, 202.821

Rectangle

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



47, 17.051, 25.426



47, 17.051, 75.426



47, 17.051, 205.426



47, 17.051, 255.426

Sweetspot

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



47, 17.050, 25.432



70, 6.056, 24.006



48, 28.047, 326.902



36, 4.215, 24.084



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



47, 17.050, 25.432



58, 26.105, 26.094



52, 15.204, 75.328



28, 3.095, 24.006



28, 63.461, 39.686



1, 2.021, 23.677

Inverse Universe

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



55, 14.008, 202.821



70, 20.375, 202.699



49, 14.297, 263.363



30, 2.923, 203.434



49, 29.340, 204.254



2, 2.021, 203.695

Previews

White Background



This preview shows how the CIELCh color 47, 17.051, 25.426 looks on a white background.

Color Contrast Check

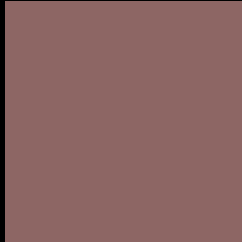
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 47, 17.051, 25.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

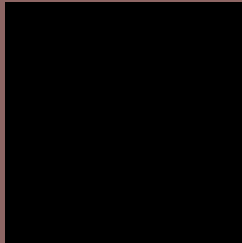
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 17.051, 25.426

Background



This preview shows how black text looks on a background with the CIELCh color 47, 17.051, 25.426.



This preview shows how white text looks on a background with the CIELCh color 47, 17.051, 25.426.

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

47, 17.051, 25.426

Protanopia

47, 3.901, 84.328

Deuteranopia

47, 9.817, 52.674



Tritanopia
47, 17.809, 8.526

Trichromacy



Original Color
47, 17.051, 25.426

Protanomaly
47, 7.429, 43.376

Deuteranomaly
47, 12.079, 40.438

Tritanomaly
47, 17.681, 14.153

Monochromacy



Original Color
47, 17.051, 25.426

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 5.884, 25.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 17.051, 25.426 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(141, 102, 100)` looks like.

```
.text, #text, p{  
    color:rgb(141, 102, 100)  
}
```

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(141, 102, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 102, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 17.051, 25.426 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(141, 102, 100) }
```

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

```
.border{ border-color:rgb(141, 102, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 102, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 102, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 102, 100);  
box-shadow:4px 4px 4px 4px rgb(141, 102,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 17.051, 25.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 102, 100) }
```

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

```
.background{ background-color: rgb(141,  
102, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor