

Converting Colors

CIELCh(47, 15.338, 125.089)

Have a look what the booklet for
CIELCh(47, 15.338, 125.089)
contains.

CIELCh(47, 15.286, 124.468)	3
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Color

CIELCh(47, 15.286, 124.468)

Conversions

Conversions Part 1

Format	Color
Hex	69735A
RGB	105, 115, 90
RGB Percent	41%, 45%, 35%
CMY	0.5880, 0.5488, 0.6468
CMYK	0.09, 0.00, 0.22, 0.55
HSL	84°, 12%, 40%
HSV	84°, 22%, 45%
XYZ	13.8167, 16.0195, 12.0485
YIQ	109.1600, 2.0650, -9.8950

Conversions

Conversions Part 2

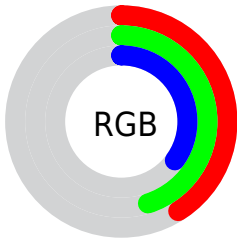
Format	Color
R_{YB}	90, 115, 100
Decimal	6910810
CIE Lab	47.00, -8.65, 12.60
CIE LCh	47, 15.286, 124.468
Yxy	16.0195, 0.3299, 0.3825
Android (android.graphics.Color)	4285100890 (0xFF69735A)
YUV	109.1600, -9.4459, -3.6483
Hunter-Lab	40.0243, -8.4231, 10.1690

Details

The CIELCh color $[47, 15.286, 124.468]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[40, 15.823, 306.613]$, and the grayscale version is $[46, 0.006, 296.813]$.

A 20% lighter version of the original color is $[67, 15.461, 124.992]$, and $[27, 15.356, 123.636]$ is the 20% darker color. If you saturate the color by 10%, you get $[46, 22.251, 123.976]$, and if you desaturate by 10%, it is $[48, 8.257, 124.961]$.

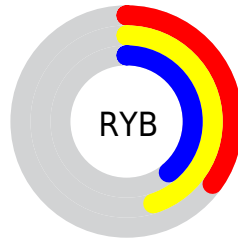
Distribution



Red (41%)

Green (45%)

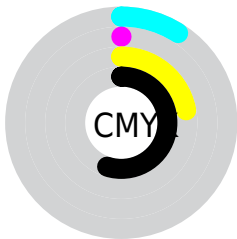
Blue (35%)



Red (35%)

Yellow (45%)

Blue (39%)

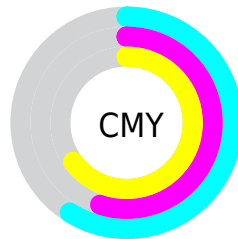


Cyan (9%)

Magenta (0%)

Yellow (22%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 15.286, 124.468 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, 15.286, 124.468 by changing the saturation by 10% instead.

 47, 15.286,
124.468

 47, 15.286,
124.468

 100, 15.286,
124.468


 37, 15.286,
124.468

 67, 15.286,
124.468


 27, 15.286,
124.468

 77, 15.286,
124.468

 17, 15.286,
124.468


 87, 15.286,
124.468

 7, 15.286, 124.468

 97, 15.286,
124.468

 0, 15.286, 124.468

 47, 15.286,

 47, 15.286,

124.468

124.468

■ 46, 22.251,
123.976

■ 48, 8.257, 124.961

■ 46, 29.077,
123.498

■ 48, 1.212, 125.470

■ 49, 5.813, 305.858

■ 45, 35.662,
123.070

■ 50, 12.790,
306.278

■ 45, 41.855,
122.742

■ 51, 19.703,
306.662

■ 44, 47.449,
122.588

■ 52, 26.535,
307.014

■ 44, 52.177,
122.704

■ 52, 33.278,
307.336

■ 44, 55.768,
123.196

■ 53, 39.924,
307.629

■ 44, 58.340,
123.667

■ 54, 46.469,

Harmonies

Complementary

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



47, 15.286, 124.468



40, 15.823, 306.613

Rectangle

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



47, 15.286, 124.468



47, 15.286, 174.468



47, 15.286, 304.468



47, 15.286, 354.468

Sweetspot

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



47, 15.287, 124.471



62, 6.134, 125.182



44, 8.929, 61.780



32, 4.017, 125.163



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 15.287, 124.471



60, 22.757, 124.225



46, 17.569, 140.559



24, 4.024, 125.091



46, 61.031, 123.773



89, 104.206, 124.652

Inverse Universe

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



40, 15.823, 306.613



50, 23.754, 306.903



41, 17.653, 322.709



22, 4.085, 305.927



16, 73.710, 310.250



37, 125.784, 309.670

Previews

White Background



This preview shows how the CIELCh color 47, 15.286, 124.468 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, 15.286, 124.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

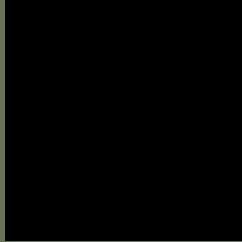
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 15.286, 124.468

Background



This preview shows how black text looks on a background with the CIELCh color 47, 15.286, 124.468.



This preview shows how white text looks on a background with the CIELCh color 47, 15.286, 124.468.

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, 15.286, 124.468

Protanopia

47, 13.875, 95.435

Deuteranopia

47, 13.248, 61.713



Tritanopia
47, 5.375, 282.517

Trichromacy



Original Color
47, 15.286, 124.468

Protanomaly
47, 13.515, 106.447

Deuteranomaly
47, 12.038, 87.239

Tritanomaly
47, 2.420, 152.208

Monochromacy



Original Color
47, 15.286, 124.468

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 5.472, 122.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 15.286, 124.468 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(105, 115, 90)` looks like.

```
.text, #text, p{  
    color:rgb(105, 115, 90)  
}
```

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(105, 115, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 115, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 15.286, 124.468 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(105, 115, 90) }
```

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

```
.border{ border-color:rgb(105, 115, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 115, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 115, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 115, 90);  
box-shadow:4px 4px 4px 4px rgb(105, 115,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 15.286, 124.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 115, 90) }
```

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

```
.background{ background-color: rgb(105,  
115, 90) }
```

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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