

Converting Colors

CIELCh(47, 23.169, 146.995)

Have a look what the booklet for
CIELCh(47, 23.169, 146.995)
contains.

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Color

CIELCh(47, 23.077, 147.279)

Conversions

Conversions Part 1

Format	Color
Hex	54785A
RGB	84, 120, 90
RGB Percent	33%, 47%, 35%
CMY	0.6710, 0.5299, 0.6475
CMYK	0.30, 0.00, 0.25, 0.53
HSL	130°, 18%, 40%
HSV	130°, 30%, 47%
XYZ	12.1881, 16.0195, 12.0968
YIQ	105.8160, -11.8260, -16.9620

Conversions

Conversions Part 2

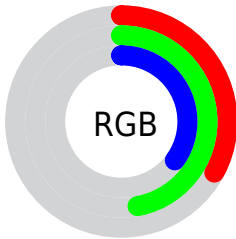
Format	Color
R_{YB}	84, 115, 120
Decimal	5535834
CIE _{Lab}	47.00, -19.41, 12.47
CIE _{LCh}	47, 23.077, 147.279
Yxy	16.0195, 0.3024, 0.3975
Android (android.graphics.Color)	4283725914 (0xFF54785A)
YUV	105.8160, -7.7973, -19.1326
Hunter-Lab	40.0243, -15.6861, 10.0975

Details

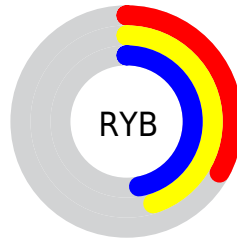
The CIELCh color $47, 23.077, 147.279$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $40, 23.147, 331.165$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 22.727, 146.922$, and $27, 22.999, 147.127$ is the 20% darker color. If you saturate the color by 10%, you get $46, 30.624, 146.340$, and if you desaturate by 10%, it is $48, 15.390, 148.095$.

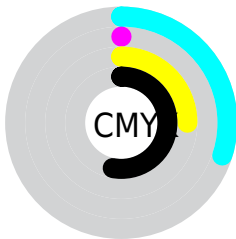
Distribution



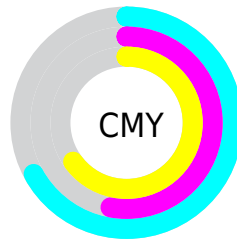
- Red (33%)
- Green (47%)
- Blue (35%)



- Red (33%)
- Yellow (45%)
- Blue (47%)



- Cyan (30%)
- Magenta (0%)
- Yellow (25%)
- Black (53%)





- Cyan (67%)
- Magenta (53%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 23.077, 147.279 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, 23.077, 147.279 by changing the saturation by 10% instead.


 47, 23.077,
147.279


 47, 23.077,
147.279


 100, 23.077,
147.279


 37, 23.077,
147.279

 67, 23.077,
147.279


 27, 23.077,
147.279

 77, 23.077,
147.279

 17, 23.077,
147.279

 87, 23.077,
147.279

 7, 23.077, 147.279

 97, 23.077,
147.279

 0, 23.077, 147.279

 47, 23.077,

 47, 23.077,

147.279

147.279

■ 46, 30.624,
146.340

■ 48, 15.390,
148.095

■ 45, 37.893,
145.264

■ 49, 7.673, 148.811

■ 45, 44.728,
144.047

■ 50, 0.016, 162.295

■ 52, 7.517, 329.892

■ 44, 50.961,
142.698

■ 53, 14.880,
330.365

■ 44, 56.422,
141.249

■ 55, 22.042,
330.772

■ 44, 60.950,
139.764

■ 56, 28.988,
331.128

■ 43, 64.553,
138.509

■ 58, 35.710,
331.444

■ 60, 42.207,

331.724

Harmonies

Complementary

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



47, 23.077, 147.279



40, 23.147, 331.165

Rectangle

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



47, 23.077, 147.279



47, 23.077, 197.279



47, 23.077, 327.279



47, 23.077, 17.279

Sweetspot

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



47, 23.078, 147.279



63, 8.519, 148.866



49, 20.978, 114.625



33, 5.971, 148.783



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 23.078, 147.279



59, 34.156, 146.649



47, 15.749, 170.878



25, 4.381, 148.875



45, 66.614, 138.438



87, 114.312, 137.632

Inverse Universe

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



40, 23.147, 331.165



50, 34.232, 331.591



40, 16.967, 356.771



24, 4.393, 329.887



28, 60.070, 335.890



58, 100.454, 336.382

Previews

White Background



This preview shows how the CIELCh color 47, 23.077, 147.279 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, 23.077, 147.279 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, 23.077, 147.279

Background



This preview shows how black text looks on a background with the CIELCh color 47, 23.077, 147.279.



This preview shows how white text looks on a background with the CIELCh color 47, 23.077, 147.279.

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, 23.077, 147.279

Protanopia

47, 15.121, 94.544

Deuteranopia

47, 12.486, 61.234



Tritanopia
47, 10.760, 232.166

Trichromacy



Original Color
47, 23.077, 147.279

Protanomaly
47, 16.208, 120.355

Deuteranomaly
47, 11.760, 108.544

Tritanomaly
47, 11.625, 183.305

Monochromacy



Original Color
47, 23.077, 147.279

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 8.499, 148.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 23.077, 147.279 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(84, 120, 90)` looks like.

```
.text, #text, p{  
    color:rgb(84, 120, 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(84, 120, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 120, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 23.077, 147.279 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(84, 120, 90) }
```

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

```
.border{ border-color:rgb(84, 120, 90) }
```

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

Here you see how a box with a 4 pixel rgb(84, 120, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 120, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 120, 90);  
box-shadow:4px 4px 4px 4px rgb(84, 120,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 23.077, 147.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 120, 90) }
```

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

```
.background{ background-color: rgb(84, 120,  
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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