

Converting Colors

CIELCh(47, 9.056, 188.100)

Have a look what the booklet for
CIELCh(47, 9.056, 188.100) contains.

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Color

CIELCh(47, 9.156, 187.175)

Conversions

Conversions Part 1

Format	Color
Hex	5D7471
RGB	93, 116, 113
RGB Percent	36%, 45%, 44%
CMY	0.6352, 0.5450, 0.5567
CMYK	0.20, 0.00, 0.03, 0.54
HSL	172°, 11%, 41%
HSV	172°, 20%, 46%
XYZ	13.7485, 16.0195, 17.9992
YIQ	108.7810, -12.7450, -5.8090

Conversions

Conversions Part 2

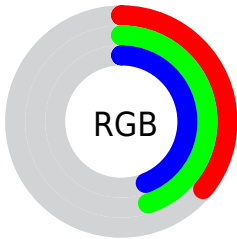
Format	Color
R_{YB}	93, 105, 116
Decimal	6124657
CIE _{Lab}	47.00, -9.08, -1.14
CIE _{LCh}	47, 9.156, 187.175
Yxy	16.0195, 0.2878, 0.3354
Android (android.graphics.Color)	4284314737 (0xFF5D7471)
YUV	108.7810, 2.0800, -13.8399
Hunter-Lab	40.0243, -8.7272, 1.3539




Details

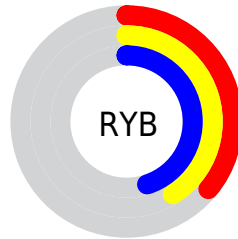
The CIELCh color $47, 9.156, 187.175$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 10.041, 10.458$, and the grayscale version is $46, 0.006, 296.813$.




A 20% lighter version of the original color is $67, 9.006, 188.038$, and $27, 9.394, 185.822$ is the 20% darker color. If you saturate the color by 10%, you get $46, 13.446, 186.339$, and if you desaturate by 10%, it is $48, 4.624, 188.002$.

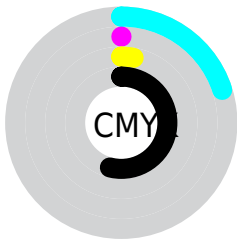
Distribution







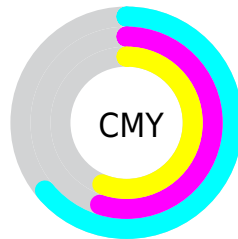
-  Red (36%)
-  Green (45%)
-  Blue (44%)






-  Red (36%)
-  Yellow (41%)
-  Blue (45%)



-  Cyan (20%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (54%)





















-  Cyan (64%)
-  Magenta (55%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 9.156, 187.175 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, 9.156, 187.175 by changing the saturation by 10% instead.

 47, 9.156, 187.175	 47, 9.156, 187.175
 100, 9.156, 187.175	 37, 9.156, 187.175
 67, 9.156, 187.175	 27, 9.156, 187.175
 77, 9.156, 187.175	 17, 9.156, 187.175
 87, 9.156, 187.175	 7, 9.156, 187.175
 97, 9.156, 187.175	 0, 9.156, 187.175

 47, 9.156, 187.175	 47, 9.156, 187.175
 46, 13.446, 186.339	 48, 4.624, 188.002
 46, 17.420,	 49, 0.087, 4.595

185.486

50, 4.915, 9.387

45, 21.007,
184.596

51, 9.811, 10.166

44, 24.141,
183.656

52, 14.735, 10.906

44, 26.769,
182.651

54, 19.655, 11.626

44, 28.861,
181.564

55, 24.547, 12.327

44, 30.420,
180.376

56, 29.391, 13.012

43, 31.664,
179.152

43, 31.686,
179.131

Harmonies

Complementary

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



47, 9.156, 187.175



42, 10.041, 10.458

Rectangle

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



47, 9.156, 187.175



47, 9.156, 237.175



47, 9.156, 7.175



47, 9.156, 57.175

Sweetspot

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



47, 9.157, 187.170



62, 3.513, 188.334



47, 15.960, 139.772



32, 2.347, 188.288



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, 9.157, 187.170



60, 13.566, 186.774



45, 7.414, 241.972



24, 2.676, 188.069



46, 32.949, 179.046



89, 56.327, 178.211

Inverse Universe

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



42, 10.041, 10.458



52, 15.241, 11.005



44, 8.117, 58.093



23, 2.788, 9.359



24, 55.382, 32.207



52, 96.816, 35.089

Previews

White Background



This preview shows how the CIELCh color 47, 9.156, 187.175 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 CIE LCh color 47, 9.156, 187.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

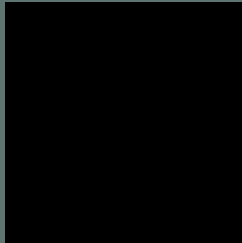
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 9.156, 187.175

Background



This preview shows how black text looks on a background with the CIELCh color 47, 9.156, 187.175.



This preview shows how white text looks on a background with the CIELCh color 47, 9.156, 187.175.

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, 9.156, 187.175

Protanopia

47, 1.001, 55.178

Deuteranopia

47, 6.429, 340.114



Tritanopia
47, 9.106, 239.581

Trichromacy



Original Color
47, 9.156, 187.175

Protanomaly
47, 3.074, 176.525

Deuteranomaly
47, 1.819, 277.692

Tritanomaly
47, 8.413, 219.316

Monochromacy



Original Color
47, 9.156, 187.175

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 3.825, 180.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 9.156, 187.175 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(93, 116, 113)` looks like.

```
.text, #text, p{  
    color:rgb(93, 116, 113)  
}
```

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(93, 116, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 116, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 9.156, 187.175 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(93, 116, 113) }
```

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

```
.border{ border-color:rgb(93, 116, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 116, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 116, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 116, 113);  
box-shadow:4px 4px 4px 4px rgb(93, 116,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 9.156, 187.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 116, 113) }
```

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

```
.background{ background-color: rgb(93, 116,  
113) }
```

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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