

Converting Colors

CIELCh(47, 11.965, 259.321)

Have a look what the booklet for
CIELCh(47, 11.965, 259.321)
contains.

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Color

CIELCh(47, 12.144, 260.870)

Conversions

Conversions Part 1

Format	Color
Hex	607183
RGB	96, 113, 131
RGB Percent	38%, 44%, 51%
CMY	0.6225, 0.5558, 0.4852
CMYK	0.27, 0.14, 0.00, 0.49
HSL	211°, 15%, 45%
HSV	211°, 27%, 51%
XYZ	14.9042, 16.0195, 23.8797
YIQ	109.9690, -15.9100, 1.9940

Conversions

Conversions Part 2

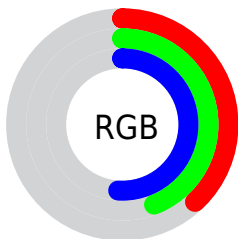
Format	Color
R_{YB}	96, 107, 131
Decimal	6320515
CIE _{Lab}	47.00, -1.93, -11.99
CIE _{LCh}	47, 12.144, 260.870
Yxy	16.0195, 0.2720, 0.2923
Android (android.graphics.Color)	4284510595 (0xFF607183)
YUV	109.9690, 10.3683, -12.2508
Hunter-Lab	40.0243, -3.5731, -7.3572

Details

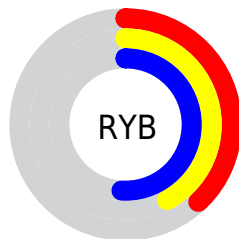
The CIELCh color $47, 12.144, 260.870$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 12.939, 73.720$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 12.087, 259.759$, and $27, 12.524, 261.791$ is the 20% darker color. If you saturate the color by 10%, you get $44, 16.608, 262.819$, and if you desaturate by 10%, it is $50, 7.623, 259.220$.

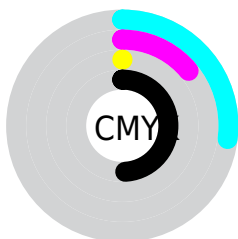
Distribution



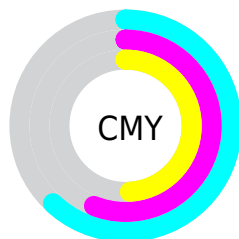
- Red (38%)
- Green (44%)
- Blue (51%)



- Red (38%)
- Yellow (42%)
- Blue (51%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (49%)





- Cyan (62%)
- Magenta (56%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 12.144, 260.870 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, 12.144, 260.870 by changing the saturation by 10% instead.


 47, 12.144,
260.870


 47, 12.144,
260.870


 100, 12.144,
260.870


 37, 12.144,
260.870

 67, 12.144,
260.870


 27, 12.144,
260.870

 77, 12.144,
260.870

 17, 12.144,
260.870


 87, 12.144,
260.870

 7, 12.144, 260.870

 97, 12.144,
260.870

 0, 12.144, 260.870

 47, 12.144,

 47, 12.144,

260.870

260.870

■ 44, 16.608,
262.819

■ 50, 7.623, 259.220

■ 41, 21.008,
265.125

■ 53, 3.062, 257.861

■ 56, 1.525, 76.400

■ 38, 25.342,
267.837

■ 59, 6.125, 75.495

■ 36, 29.626,
270.990

■ 62, 10.723, 74.620

■ 65, 15.308, 73.849

■ 33, 33.892,
274.590

■ 68, 19.872, 73.170

■ 31, 38.193,
278.588

■ 71, 24.407, 72.570

■ 74, 28.907, 72.035

■ 28, 42.601,
282.778

■ 28, 44.119,
284.066

Harmonies

Complementary

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



47, 12.144, 260.870



49, 12.939, 73.720

Rectangle

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



47, 12.144, 260.870



47, 12.144, 310.870



47, 12.144, 80.870



47, 12.144, 130.870

Sweetspot

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



47, 12.143, 260.866



67, 4.553, 258.045



52, 17.143, 161.329



35, 3.260, 258.216



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



47, 12.143, 260.866



58, 18.015, 262.011



42, 21.180, 293.223



26, 2.608, 258.165



27, 43.779, 284.021



0, 0.627, 256.963

Inverse Universe

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



45, 17.545, 346.791



55, 26.180, 347.443



54, 19.928, 107.695



26, 3.678, 345.122



27, 51.428, 1.952



0, 0.871, 344.426

Previews

White Background



This preview shows how the CIELCh color 47, 12.144, 260.870 looks on a white background.

Color Contrast Check

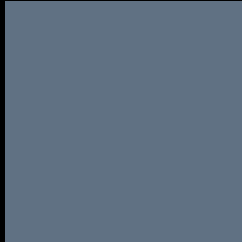
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.144, 260.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

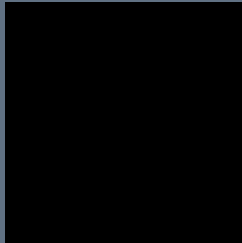
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

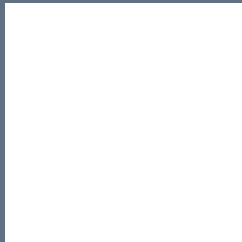
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 12.144, 260.870

Background



This preview shows how black text looks on a background with the CIELCh color 47, 12.144, 260.870.



This preview shows how white text looks on a background with the CIELCh color 47, 12.144, 260.870.

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

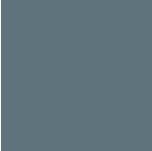
47, 12.144, 260.870

Protanopia

47, 11.272, 287.856

Deuteranopia

47, 13.707, 296.742



Tritanopia
47, 9.048, 234.974

Trichromacy



Original Color
47, 12.144, 260.870

Protanomaly
47, 11.487, 278.543

Deuteranomaly
47, 12.525, 283.303

Tritanomaly
47, 10.244, 247.851

Monochromacy



Original Color
47, 12.144, 260.870

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 4.727, 260.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 12.144, 260.870 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(96, 113, 131)` looks like.

```
.text, #text, p{  
    color:rgb(96, 113, 131)  
}
```

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(96, 113, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 113, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 12.144, 260.870 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(96, 113, 131) }
```

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

```
.border{ border-color:rgb(96, 113, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 113, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 113, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 113, 131);  
box-shadow:4px 4px 4px 4px rgb(96, 113,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 12.144, 260.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 113, 131) }
```

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

```
.background{ background-color: rgb(96, 113,  
131) }
```

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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