

Converting Colors

CIELCh(47, 25.513, 288.321)

Have a look what the booklet for
CIELCh(47, 25.513, 288.321)
contains.

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Color

CIELCh(47, 25.501, 288.207)

Conversions

Conversions Part 1

Format	Color
Hex	666D98
RGB	102, 109, 152
RGB Percent	40%, 43%, 60%
CMY	0.6001, 0.5727, 0.4040
CMYK	0.33, 0.28, 0.00, 0.40
HSL	232°, 20%, 50%
HSV	232°, 33%, 60%
XYZ	16.6060, 16.0195, 31.9084
YIQ	111.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

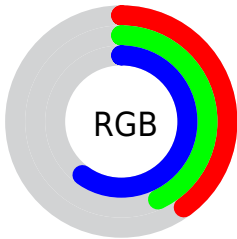
Format	Color
R_{YB}	102, 108, 152
Decimal	6712728
CIE Lab	47.00, 7.97, -24.22
CIE LCh	47, 25.501, 288.207
Yxy	16.0195, 0.2573, 0.2482
Android (android.graphics.Color)	4284902808 (0xFF666D98)
YUV	111.8090, 19.8142, -8.6025
Hunter-Lab	40.0243, 4.0167, -19.2505

Details

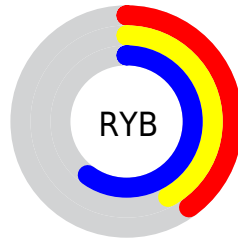
The CIELCh color `47, 25.501, 288.207` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `60, 24.183, 100.229`, and the grayscale version is `47, 0.006, 296.813`.

A 20% lighter version of the original color is `67, 25.473, 288.265`, and `27, 25.414, 288.192` is the 20% darker color. If you saturate the color by 10%, you get `42, 33.851, 290.053`, and if you desaturate by 10%, it is `52, 17.447, 286.620`.

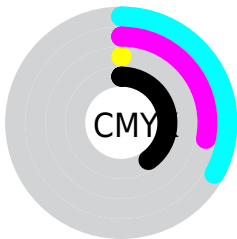
Distribution



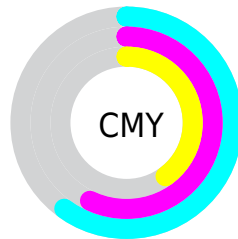
- Red (40%)
- Green (43%)
- Blue (60%)



- Red (40%)
- Yellow (42%)
- Blue (60%)



- Cyan (33%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)




- Cyan (60%)
- Magenta (57%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 25.501, 288.207 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, 25.501, 288.207 by changing the saturation by 10% instead.

 47, 25.501,
288.207


 47, 25.501,
288.207


 100, 25.501,
288.207


 37, 25.501,
288.207

 67, 25.501,
288.207


 27, 25.501,
288.207

 77, 25.501,
288.207

 17, 25.501,
288.207

 87, 25.501,
288.207

 7, 25.501, 288.207

 97, 25.501,
288.207

 0, 25.501, 288.207

 47, 25.501,

 47, 25.501,

288.207

42, 33.851,
290.053

37, 42.519,
292.179

33, 51.491,
294.578

28, 60.672,
297.188

25, 69.775,
299.865

21, 78.186,
302.373

19, 83.290,
303.808

288.207

52, 17.447,
286.620

57, 9.669, 285.264

61, 2.145, 284.135

66, 5.144, 103.064

71, 12.214,
102.209

76, 19.076,
101.459

80, 25.743,
100.804

85, 32.225,
100.228

90, 38.530, 99.719

Harmonies

Complementary

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



47, 25.501, 288.207



60, 24.183, 100.229

Rectangle

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



47, 25.501, 288.207



47, 25.501, 338.207



47, 25.501, 108.207



47, 25.501, 158.207

Sweetspot

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



47, 25.500, 288.207



73, 9.198, 284.934



59, 18.482, 184.347



38, 6.338, 285.090



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



47, 25.500, 288.207



56, 37.706, 289.444



47, 30.432, 305.677



30, 4.236, 284.820



17, 78.139, 303.654



1, 4.530, 283.905

Inverse Universe

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



49, 21.584, 11.468



59, 32.022, 12.553



60, 28.644, 121.934



30, 3.493, 8.651



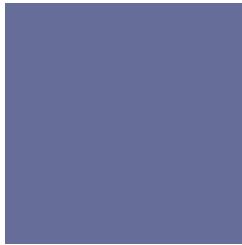
29, 61.208, 32.369



1, 3.676, 8.113

Previews

White Background



This preview shows how the CIELCh color 47, 25.501, 288.207 looks on a white background.

Color Contrast Check

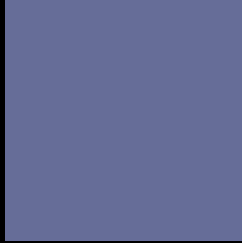
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.501, 288.207 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, 25.501, 288.207

Background



This preview shows how black text looks on a background with the CIELCh color 47, 25.501, 288.207.

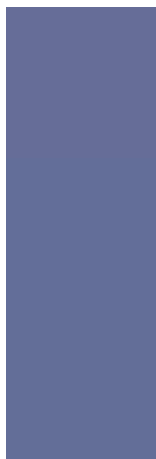


This preview shows how white text looks on a background with the CIELCh color 47, 25.501, 288.207.

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

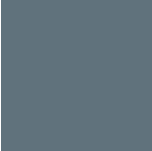
47, 25.501, 288.207

Protanopia

47, 25.581, 285.255

Deuteranopia

47, 25.003, 284.953



Tritanopia
47, 8.840, 241.103

Trichromacy



Original Color
47, 25.501, 288.207

Protanomaly
47, 25.546, 285.975

Deuteranomaly
47, 24.966, 285.693

Tritanomaly
47, 13.821, 270.392

Monochromacy



Original Color
47, 25.501, 288.207

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 9.517, 284.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 25.501, 288.207 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(102, 109, 152)` looks like.

```
.text, #text, p{  
    color:rgb(102, 109, 152)  
}
```

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(102, 109, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 109, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 25.501, 288.207 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(102, 109, 152) }
```

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

```
.border{ border-color:rgb(102, 109, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 109, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 109, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 109, 152);  
box-shadow:4px 4px 4px 4px rgb(102, 109,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 25.501, 288.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 109, 152) }
```

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

```
.background{ background-color: rgb(102,  
109, 152) }
```

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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