

Converting Colors

CIELCh(47, 25.087, 283.089)

Have a look what the booklet for
CIELCh(47, 25.087, 283.089)
contains.

CIELCh(47, 25.086, 283.492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 25.086, 283.492)

Conversions

Conversions Part 1

Format	Color
Hex	616E98
RGB	97, 110, 152
RGB Percent	38%, 43%, 60%
CMY	0.6188, 0.5679, 0.4031
CMYK	0.36, 0.28, 0.00, 0.40
HSL	226°, 22%, 49%
HSV	226°, 36%, 60%
XYZ	16.2319, 16.0195, 32.0307
YIQ	110.9010, -21.2300, 10.3060

Conversions

Conversions Part 2

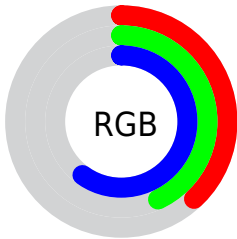
Format	Color
R _Y B	97, 108, 152
Decimal	6385304
CIE Lab	47.00, 5.85, -24.39
CIE LCh	47, 25.086, 283.492
Yxy	16.0195, 0.2525, 0.2492
Android (android.graphics.Color)	4284575384 (0xFF616E98)
YUV	110.9010, 20.2618, -12.1912
Hunter-Lab	40.0243, 2.3483, -19.4316

Details

The CIELCh color `47, 25.086, 283.492` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `58, 24.312, 93.855`, and the grayscale version is `47, 0.006, 296.813`.

A 20% lighter version of the original color is `67, 25.081, 283.624`, and `27, 24.996, 282.942` is the 20% darker color. If you saturate the color by 10%, you get `43, 32.486, 285.562`, and if you desaturate by 10%, it is `51, 17.900, 281.710`.

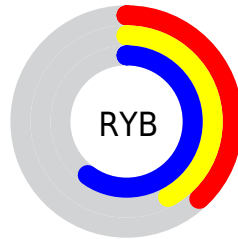
Distribution



Red (38%)

Green (43%)

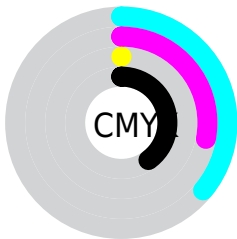
Blue (60%)



Red (38%)

Yellow (42%)

Blue (60%)

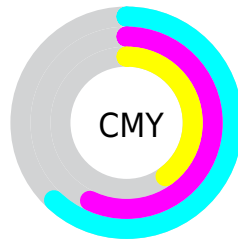


Cyan (36%)

Magenta (28%)

Yellow (0%)

Black (40%)



Cyan (62%)

Magenta (57%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 25.086, 283.492 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, 25.086, 283.492 by changing the saturation by 10% instead.

■ 47, 25.086,
283.492

■ 47, 25.086,
283.492

■ 100, 25.086,
283.492

■ 37, 25.086,
283.492

■ 67, 25.086,
283.492

■ 27, 25.086,
283.492

■ 77, 25.086,
283.492

■ 17, 25.086,
283.492

■ 87, 25.086,
283.492

■ 7, 25.086, 283.492

■ 97, 25.086,
283.492

■ 0, 25.086, 283.492

■ 47, 25.086,

■ 47, 25.086,

283.492

283.492

■ 43, 32.486,
285.562

■ 51, 17.900,
281.710

■ 38, 40.124,
287.945

■ 56, 10.912,
280.184

■ 34, 48.016,
290.640

■ 60, 4.103, 278.889

■ 65, 2.536, 97.660

■ 30, 56.133,
293.596

■ 69, 9.015, 96.717

■ 26, 64.345,
296.689

■ 73, 15.339, 95.865

■ 78, 21.515, 95.115

■ 23, 72.333,
299.694

■ 82, 27.547, 94.452

■ 22, 75.275,
300.703

■ 86, 33.441, 93.863

Harmonies

Complementary

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



47, 25.086, 283.492



58, 24.312, 93.855

Rectangle

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



47, 25.086, 283.492



47, 25.086, 333.492



47, 25.086, 103.492



47, 25.086, 153.492

Sweetspot

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



47, 25.085, 283.492



74, 9.194, 279.518



59, 21.444, 176.031



38, 6.170, 279.678



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, 25.085, 283.492



57, 37.528, 285.065



45, 33.356, 302.654



30, 3.806, 279.263



20, 70.422, 300.484



1, 4.090, 278.396

Inverse Universe

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



48, 24.250, 4.693



58, 36.230, 6.001



61, 30.879, 117.695



30, 3.606, 1.312



29, 57.628, 25.222



1, 3.811, 0.817

Previews

White Background



This preview shows how the CIELCh color 47, 25.086, 283.492 looks on a white background.

Color Contrast Check

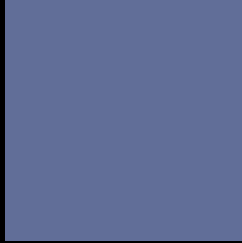
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.086, 283.492 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

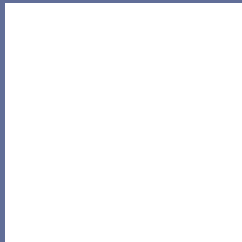
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 25.086, 283.492

Background



This preview shows how black text looks on a background with the CIELCh color 47, 25.086, 283.492.



This preview shows how white text looks on a background with the CIELCh color 47, 25.086, 283.492.

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, 25.086, 283.492

Protanopia

47, 25.003, 284.953

Deuteranopia

47, 25.003, 284.953



Tritanopia
47, 10.477, 233.221

Trichromacy



Original Color
47, 25.086, 283.492

Protanomaly
47, 25.043, 284.219

Deuteranomaly
47, 25.043, 284.219

Tritanomaly
47, 14.605, 262.724

Monochromacy



Original Color
47, 25.086, 283.492

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 9.044, 279.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 25.086, 283.492 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(97, 110, 152)` looks like.

```
.text, #text, p{  
    color:rgb(97, 110, 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(97, 110, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 110, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 25.086, 283.492 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(97, 110, 152) }
```

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

```
.border{ border-color:rgb(97, 110, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 110, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 110, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 110, 152);  
box-shadow:4px 4px 4px 4px rgb(97, 110,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 25.086, 283.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 110, 152) }
```

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

```
.background{ background-color: rgb(97, 110,  
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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