

Converting Colors

CIELCh(45, 12.744, 264.762)

Have a look what the booklet for
CIELCh(45, 12.744, 264.762)
contains.

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Color

CIELCh(45, 12.573, 264.005)

Conversions

Conversions Part 1

Format	Color
Hex	5C6C7F
RGB	92, 108, 127
RGB Percent	36%, 42%, 50%
CMY	0.6391, 0.5763, 0.5018
CMYK	0.28, 0.15, 0.00, 0.50
HSL	213°, 16%, 43%
HSV	213°, 28%, 50%
XYZ	13.6154, 14.5417, 22.1790
YIQ	105.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

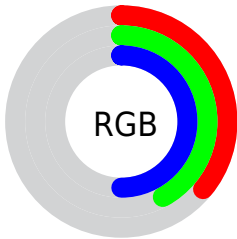
Format	Color
RYB	92, 103, 127
Decimal	6057087
CIELab	45.00, -1.31, -12.50
CIELCh	45, 12.573, 264.005
Yxy	14.5417, 0.2705, 0.2889
Android (android.graphics.Color)	4284247167 (0xFF5C6C7F)
YUV	105.3820, 10.6577, -11.7360
Hunter-Lab	38.1336, -3.0013, -7.7902

Details

The CIELCh color $45, 12.573, 264.005$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 13.257, 76.510$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 12.808, 265.361$, and $25, 12.464, 263.565$ is the 20% darker color. If you saturate the color by 10%, you get $42, 17.092, 265.978$, and if you desaturate by 10%, it is $48, 8.025, 262.326$.

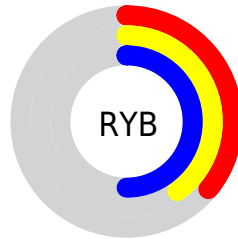
Distribution



 Red (36%)

 Green (42%)

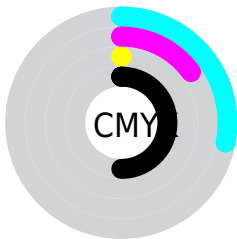
 Blue (50%)



 Red (36%)

 Yellow (40%)

 Blue (50%)

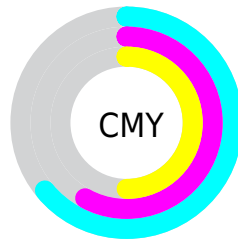


 Cyan (28%)


 Magenta (15%)

 Yellow (0%)

 Black (50%)



 Cyan (64%)


 Magenta (58%)


 Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 12.573, 264.005 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 45, 12.573, 264.005 by changing the saturation by 10% instead.


 45, 12.573,
264.005


 45, 12.573,
264.005


 100, 12.573,
264.005


 35, 12.573,
264.005

 65, 12.573,
264.005


 25, 12.573,
264.005

 75, 12.573,
264.005

 15, 12.573,
264.005

 85, 12.573,
264.005

 5, 12.573, 264.005

 95, 12.573,
264.005

 0, 12.573, 264.005

 45, 12.573,

 45, 12.573,

264.005

■ 42, 17.092,
265.978

■ 39, 21.580,
268.300

■ 36, 26.040,
271.014

■ 34, 30.490,
274.149

■ 31, 34.964,
277.701

■ 28, 39.510,
281.611

■ 26, 44.187,
285.620

■ 25, 45.365,
286.517

264.005

■ 48, 8.025, 262.326

■ 51, 3.459, 260.927

■ 54, 1.114, 79.409

■ 57, 5.681, 78.519

■ 60, 10.234, 77.615

■ 63, 14.763, 76.817

■ 66, 19.260, 76.112

■ 69, 23.720, 75.486

■ 72, 28.137, 74.928

Harmonies

Complementary

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



45, 12.573, 264.005



48, 13.257, 76.510

Rectangle

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



45, 12.573, 264.005



45, 12.573, 314.005



45, 12.573, 84.005



45, 12.573, 134.005

Sweetspot

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



45, 12.572, 264.002



65, 4.553, 261.007



50, 16.794, 163.035



34, 3.260, 261.178



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



45, 12.572, 264.002



56, 18.689, 265.195



40, 21.345, 294.457



25, 2.588, 261.124



26, 45.502, 286.534



0, 0.000, 0.000

Inverse Universe

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



43, 17.358, 348.545



53, 25.923, 349.248



52, 20.042, 109.071



25, 3.493, 346.728



26, 50.541, 4.504



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 45, 12.573, 264.005 looks on a white background.

Color Contrast Check

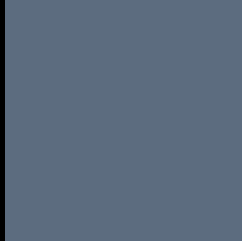
Large Text (above 18pt) WCAG AA ✓ Pass

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 45, 12.573, 264.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

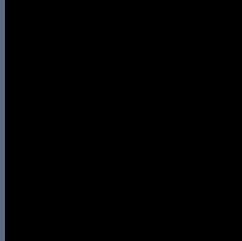
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

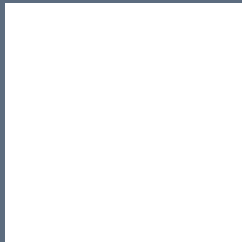
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 12.573, 264.005

Background



This preview shows how black text looks on a background with the CIELCh color 45, 12.573, 264.005.

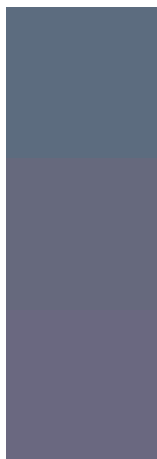


This preview shows how white text looks on a background with the CIELCh color 45, 12.573, 264.005.

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


45, 12.573, 264.005

Protanopia

45, 11.981, 286.423

Deuteranopia

45, 14.384, 295.168



Tritanopia
45, 8.802, 231.690

Trichromacy



Original Color
45, 12.573, 264.005

Protanomaly
45, 12.230, 277.734

Deuteranomaly
45, 13.787, 285.895

Tritanomaly
45, 9.661, 246.974

Monochromacy



Original Color
45, 12.573, 264.005

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 4.763, 260.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 12.573, 264.005 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(92, 108, 127)` looks like.

```
.text, #text, p{  
    color:rgb(92, 108, 127)  
}
```

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(92, 108, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 108, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 12.573, 264.005 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(92, 108, 127) }
```

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

```
.border{ border-color:rgb(92, 108, 127) }
```

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

Here you see how a box with a 4 pixel rgb(92, 108, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 108, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 108, 127);  
box-shadow:4px 4px 4px 4px rgb(92, 108,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 12.573, 264.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 108, 127) }
```

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

```
.background{ background-color: rgb(92, 108,  
127) }
```

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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