

Converting Colors

CIELCh(45, 10.036, 260.128)

Have a look what the booklet for
CIELCh(45, 10.036, 260.128)
contains.

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Color

CIELCh(45, 10.222, 260.614)

Conversions

Conversions Part 1

Format	Color
Hex	5E6C7B
RGB	94, 108, 123
RGB Percent	37%, 42%, 48%
CMY	0.6313, 0.5764, 0.5175
CMYK	0.24, 0.12, 0.00, 0.52
HSL	211°, 13%, 43%
HSV	211°, 24%, 48%
XYZ	13.5602, 14.5417, 20.8391
YIQ	105.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

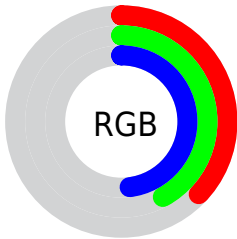
Format	Color
R_{YB}	94, 103, 123
Decimal	6188155
CIE _{Lab}	45.00, -1.67, -10.09
CIE _{LCh}	45, 10.222, 260.614
Yxy	14.5417, 0.2771, 0.2971
Android (android.graphics.Color)	4284378235 (0xFF5E6C7B)
YUV	105.5240, 8.6157, -10.1065
Hunter-Lab	38.1336, -3.2596, -5.7070

Details

The CIELCh color **45, 10.222, 260.614** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 10.786, 74.415**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 10.090, 261.361**, and **25, 9.972, 258.588** is the 20% darker color. If you saturate the color by 10%, you get **42, 14.489, 262.446**, and if you desaturate by 10%, it is **48, 5.908, 259.061**.

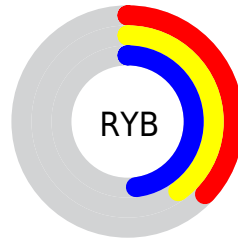
Distribution



Red (37%)

Green (42%)

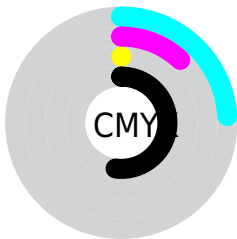
Blue (48%)



Red (37%)

Yellow (40%)

Blue (48%)

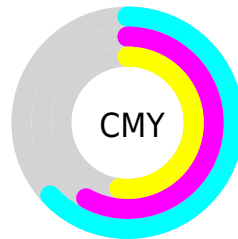


Cyan (24%)

Magenta (12%)

Yellow (0%)

Black (52%)



Cyan (63%)


Magenta (58%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 10.222, 260.614 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, 10.222, 260.614 by changing the saturation by 10% instead.


 45, 10.222,
260.614


 45, 10.222,
260.614


 100, 10.222,
260.614


 35, 10.222,
260.614

 65, 10.222,
260.614


 25, 10.222,
260.614

 75, 10.222,
260.614

 15, 10.222,
260.614

 85, 10.222,
260.614

 5, 10.222, 260.614

 95, 10.222,
260.614

 0, 10.222, 260.614

 45, 10.222,

 45, 10.222,

260.614

■ 42, 14.489,
262.446

■ 39, 18.700,
264.615

■ 37, 22.852,
267.166

■ 34, 26.954,
270.141

■ 32, 31.029,
273.559

■ 29, 35.122,
277.391

■ 27, 39.289,
281.530

■ 26, 42.065,
284.023

260.614

■ 48, 5.908, 259.061

■ 51, 1.563, 257.844

■ 53, 2.801, 76.454

■ 56, 7.170, 75.524

■ 59, 11.534, 74.683

■ 62, 15.882, 73.942

■ 65, 20.206, 73.289

■ 68, 24.501, 72.709

■ 70, 28.760, 72.192

Harmonies

Complementary

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



45, 10.222, 260.614



47, 10.786, 74.415

Rectangle

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



45, 10.222, 260.614



45, 10.222, 310.614



45, 10.222, 80.614



45, 10.222, 130.614

Sweetspot

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



45, 10.221, 260.609



64, 3.800, 258.221



49, 14.211, 162.537



33, 2.488, 258.273



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



45, 10.221, 260.609



56, 15.068, 261.510



41, 17.638, 293.359



24, 2.446, 258.455



26, 42.604, 284.101



53, 75.640, 286.625

Inverse Universe

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



43, 14.646, 346.625



54, 21.713, 347.149



51, 16.732, 108.713



24, 3.433, 345.270



26, 49.960, 2.029



54, 83.843, 4.601

Previews

White Background



This preview shows how the CIE LCh color 45, 10.222, 260.614 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, 10.222, 260.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

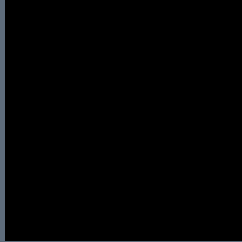
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

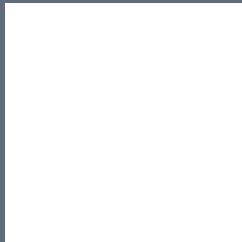
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 10.222, 260.614

Background



This preview shows how black text looks on a background with the CIELCh color 45, 10.222, 260.614.

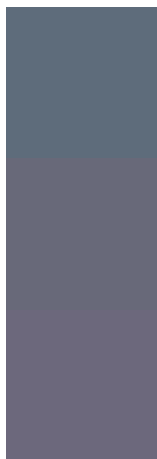


This preview shows how white text looks on a background with the CIELCh color 45, 10.222, 260.614.

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, 10.222, 260.614

Protanopia

45, 9.563, 289.210

Deuteranopia

45, 12.084, 299.145



Tritanopia
45, 7.994, 241.282

Trichromacy



Original Color
45, 10.222, 260.614

Protanomaly
45, 9.770, 277.995

Deuteranomaly
45, 11.364, 287.931

Tritanomaly
45, 8.776, 247.566

Monochromacy



Original Color
45, 10.222, 260.614

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 3.554, 256.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 10.222, 260.614 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(94, 108, 123)` looks like.

```
.text, #text, p{  
    color:rgb(94, 108, 123)  
}
```

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(94, 108, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 108, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 10.222, 260.614 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(94, 108, 123) }
```

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

```
.border{ border-color:rgb(94, 108, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 108, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 108, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 108, 123);  
box-shadow:4px 4px 4px 4px rgb(94, 108,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 10.222, 260.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 108, 123) }
```

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

```
.background{ background-color: rgb(94, 108,  
123) }
```

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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