

Converting Colors

CIELCh(45, 11.443, 126.610)

Have a look what the booklet for
CIELCh(45, 11.443, 126.610)
contains.

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Color

CIELCh(45, 11.223, 126.373)

Conversions

Conversions Part 1

Format	Color
Hex	656D5B
RGB	101, 109, 91
RGB Percent	40%, 43%, 36%
CMY	0.6028, 0.5714, 0.6420
CMYK	0.07, 0.00, 0.16, 0.57
HSL	87°, 9%, 39%
HSV	87°, 16%, 43%
XYZ	12.7982, 14.5417, 12.0928
YIQ	104.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

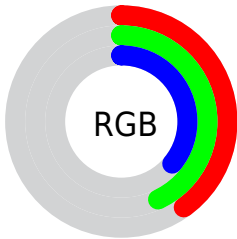
Format	Color
R_{YB}	91, 109, 99
Decimal	6647131
CIE Lab	45.00, -6.66, 9.04
CIE LCh	45, 11.223, 126.373
Yxy	14.5417, 0.3246, 0.3688
Android (android.graphics.Color)	4284837211 (0xFF656D5B)
YUV	104.5560, -6.6831, -3.1186
Hunter-Lab	38.1336, -6.8265, 7.8916

Details

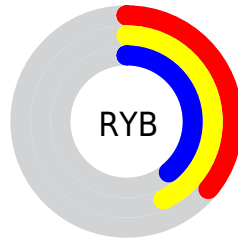
The CIELCh color $45, 11.223, 126.373$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 11.495, 307.866$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 10.996, 125.712$, and $25, 11.731, 126.917$ is the 20% darker color. If you saturate the color by 10%, you get $44, 18.013, 125.904$, and if you desaturate by 10%, it is $46, 4.407, 126.839$.

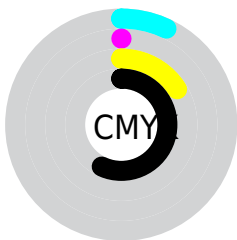
Distribution



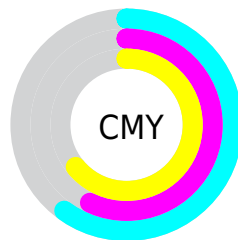
- Red (40%)
- Green (43%)
- Blue (36%)



- Red (36%)
- Yellow (43%)
- Blue (39%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (57%)





- Cyan (60%)
- Magenta (57%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 11.223, 126.373 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, 11.223, 126.373 by changing the saturation by 10% instead.


 45, 11.223,
126.373


 45, 11.223,
126.373


 100, 11.223,
126.373


 35, 11.223,
126.373

 65, 11.223,
126.373


 25, 11.223,
126.373

 75, 11.223,
126.373

 15, 11.223,
126.373

 85, 11.223,
126.373

 5, 11.223, 126.373

 95, 11.223,
126.373

 0, 11.223, 126.373

 45, 11.223,

 45, 11.223,

126.373

126.373

■ 44, 18.013,
125.904

■ 46, 4.407, 126.839

■ 44, 24.715,
125.433

■ 46, 2.399, 307.227

■ 47, 9.163, 307.647

■ 43, 31.249,
124.988

■ 48, 15.863,
308.019

■ 43, 37.498,
124.608

■ 49, 22.486,
308.357

■ 42, 43.296,
124.354

■ 50, 29.018,
308.665

■ 42, 48.418,
124.311

■ 51, 35.453,
308.944

■ 42, 52.602,
124.582

■ 52, 41.785,
309.195

■ 41, 55.849,
125.147

■ 53, 48.012,

■ 41, 57.000,
125.298

309.421

Harmonies

Complementary

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



45, 11.223, 126.373



40, 11.495, 307.866

Rectangle

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



45, 11.223, 126.373



45, 11.223, 176.373



45, 11.223, 306.373



45, 11.223, 356.373

Sweetspot

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



45, 11.224, 126.376



59, 4.232, 126.902



43, 6.451, 66.116



30, 2.868, 126.877



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



45, 11.224, 126.376



58, 16.960, 126.185



44, 12.890, 141.774



22, 3.761, 126.725



44, 60.009, 125.427



87, 104.130, 126.378

Inverse Universe

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



40, 11.495, 307.866



50, 17.472, 308.075



41, 12.928, 323.416



20, 3.814, 307.495



16, 70.820, 311.155



38, 122.678, 310.516

Previews

White Background



This preview shows how the CIELCh color 45, 11.223, 126.373 looks on a white background.

Color Contrast Check

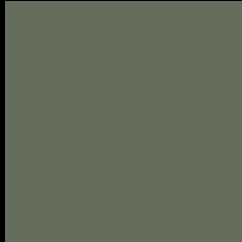
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 45, 11.223, 126.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

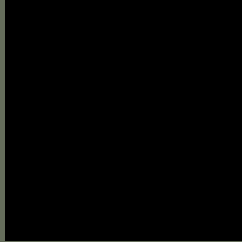
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

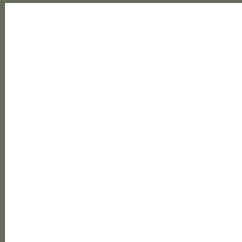
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 11.223, 126.373

Background



This preview shows how black text looks on a background with the CIELCh color 45, 11.223, 126.373.



This preview shows how white text looks on a background with the CIELCh color 45, 11.223, 126.373.

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, 11.223, 126.373

Protanopia

45, 9.852, 93.398

Deuteranopia

45, 10.320, 51.309



Tritanopia
45, 4.787, 286.098

Trichromacy



Original Color
45, 11.223, 126.373

Protanomaly
45, 10.089, 106.269

Deuteranomaly
45, 8.669, 82.210

Tritanomaly
45, 1.367, 173.670

Monochromacy



Original Color
45, 11.223, 126.373

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 4.358, 126.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 11.223, 126.373 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(101, 109, 91)` looks like.

```
.text, #text, p{  
    color:rgb(101, 109, 91)  
}
```

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(101, 109, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 109, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 11.223, 126.373 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(101, 109, 91) }
```

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

```
.border{ border-color:rgb(101, 109, 91) }
```

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

Here you see how a box with a 4 pixel rgb(101, 109, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 109, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 109, 91);  
box-shadow:4px 4px 4px 4px rgb(101, 109,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 11.223, 126.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 109, 91) }
```

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

```
.background{ background-color: rgb(101,  
109, 91) }
```

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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