

Converting Colors

CIELCh(44, 12.640, 279.119)

Have a look what the booklet for
CIELCh(44, 12.640, 279.119)
contains.

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Color

CIELCh(44, 12.846, 278.570)

Conversions

Conversions Part 1

Format	Color
Hex	60687D
RGB	96, 104, 125
RGB Percent	38%, 41%, 49%
CMY	0.6239, 0.5926, 0.5102
CMYK	0.23, 0.17, 0.00, 0.51
HSL	223°, 13%, 43%
HSV	223°, 23%, 49%
XYZ	13.4470, 13.8382, 21.3274
YIQ	104.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

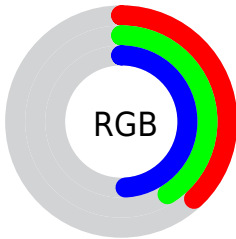
Format	Color
R_{YB}	96, 102, 125
Decimal	6318205
CIE _{Lab}	44.00, 1.91, -12.70
CIE _{LCh}	44, 12.846, 278.570
Yxy	13.8382, 0.2766, 0.2847
Android (android.graphics.Color)	4284508285 (0xFF60687D)
YUV	104.0020, 10.3520, -7.0178
Hunter-Lab	37.1997, -0.5750, -7.9523

Details

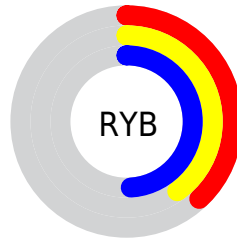
The CIELCh color **44, 12.846, 278.570** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 12.726, 92.709**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 13.069, 278.981**, and **24, 12.863, 278.889** is the 20% darker color. If you saturate the color by 10%, you get **40, 18.582, 280.272**, and if you desaturate by 10%, it is **48, 7.236, 277.105**.

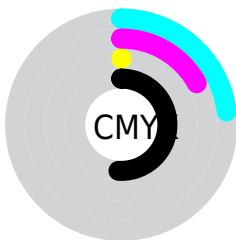
Distribution



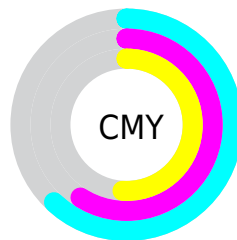
- Red (38%)
- Green (41%)
- Blue (49%)



- Red (38%)
- Yellow (40%)
- Blue (49%)



- Cyan (23%)
- Magenta (17%)
- Yellow (0%)
- Black (51%)





- Cyan (62%)
- Magenta (59%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 12.846, 278.570 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 44, 12.846, 278.570 by changing the saturation by 10% instead.


 44, 12.846,
278.570


 44, 12.846,
278.570


 100, 12.846,
278.570


 34, 12.846,
278.570

 64, 12.846,
278.570


 24, 12.846,
278.570

 74, 12.846,
278.570

 14, 12.846,
278.570


 84, 12.846,
278.570

 4, 12.846, 278.570

 94, 12.846,
278.570

 0, 12.846, 278.570

 44, 12.846,

 44, 12.846,

278.570

278.570

■ 40, 18.582,
280.272

■ 48, 7.236, 277.105

■ 37, 24.459,
282.251

■ 51, 1.747, 275.898

■ 55, 3.628, 94.676

■ 33, 30.493,
284.537

■ 58, 8.891, 93.741

■ 30, 36.703,
287.145

■ 62, 14.047, 92.907

■ 65, 19.097, 92.168

■ 26, 43.100,
290.056

■ 69, 24.043, 91.513

■ 23, 49.660,
293.197

■ 72, 28.888, 90.927

■ 76, 33.635, 90.402

■ 20, 56.269,
296.417

■ 19, 60.700,
298.373

Harmonies

Complementary

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



44, 12.846, 278.570



49, 12.726, 92.709

Rectangle

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



44, 12.846, 278.570



44, 12.846, 328.570



44, 12.846, 98.570



44, 12.846, 148.570

Sweetspot

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



44, 12.845, 278.567



64, 4.743, 276.333



50, 12.284, 175.016



33, 3.068, 276.384



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 12.845, 278.567



55, 19.397, 279.467



42, 17.748, 300.324



24, 3.021, 276.563



19, 60.724, 298.374



40, 107.761, 300.107

Inverse Universe

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



44, 13.119, 359.961



54, 19.875, 0.644



51, 16.927, 117.157



24, 3.044, 358.405



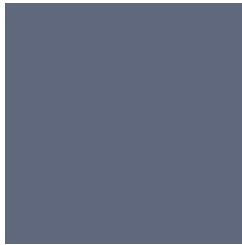
25, 51.706, 21.149



53, 88.773, 24.460

Previews

White Background



This preview shows how the CIE LCh color 44, 12.846, 278.570 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 44, 12.846, 278.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

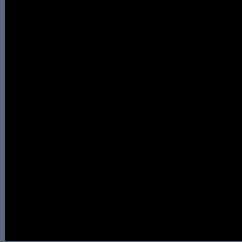
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

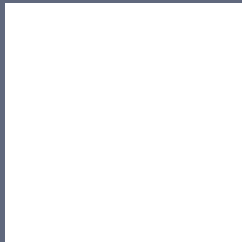
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 12.846, 278.570

Background



This preview shows how black text looks on a background with the CIELCh color 44, 12.846, 278.570.

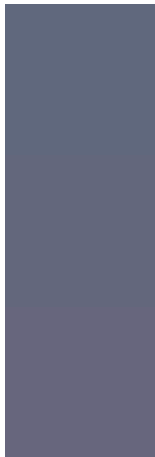


This preview shows how white text looks on a background with the CIELCh color 44, 12.846, 278.570.

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

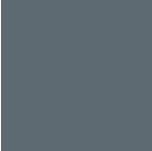
44, 12.846, 278.570

Protanopia

44, 12.647, 285.134

Deuteranopia

44, 13.815, 293.691



Tritanopia
44, 6.583, 245.931

Trichromacy



Original Color
44, 12.846, 278.570

Protanomaly
44, 12.687, 283.467

Deuteranomaly
44, 13.211, 287.153

Tritanomaly
44, 8.577, 264.837

Monochromacy



Original Color
44, 12.846, 278.570

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.918, 276.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 12.846, 278.570 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(96, 104, 125)` looks like.

```
.text, #text, p{  
    color:rgb(96, 104, 125)  
}
```

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(96, 104, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 104, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 12.846, 278.570 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(96, 104, 125) }
```

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

```
.border{ border-color:rgb(96, 104, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 104, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 104, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 104, 125);  
box-shadow:4px 4px 4px 4px rgb(96, 104,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 12.846, 278.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 104, 125) }
```

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

```
.background{ background-color: rgb(96, 104,  
125) }
```

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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