

Converting Colors

CIELCh(44, 11.188, 252.626)

Have a look what the booklet for
CIELCh(44, 11.188, 252.626)
contains.

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Color

CIELCh(44, 11.202, 252.661)

Conversions

Conversions Part 1

Format	Color
Hex	576A79
RGB	87, 106, 121
RGB Percent	34%, 42%, 47%
CMY	0.6571, 0.5826, 0.5237
CMYK	0.28, 0.12, 0.00, 0.52
HSL	206°, 16%, 41%
HSV	206°, 28%, 48%
XYZ	12.6500, 13.8382, 20.2394
YIQ	102.0290, -16.1390, 0.6370

Conversions

Conversions Part 2

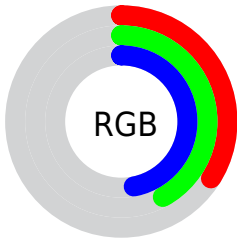
Format	Color
R_{YB}	87, 99, 121
Decimal	5728889
CIE _{Lab}	44.00, -3.34, -10.69
CIE _{LCh}	44, 11.202, 252.661
Yxy	13.8382, 0.2707, 0.2961
Android (android.graphics.Color)	4283918969 (0xFF576A79)
YUV	102.0290, 9.3527, -13.1804
Hunter-Lab	37.1997, -4.3996, -6.2183

Details

The CIELCh color **44, 11.202, 252.661** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 12.385, 65.778**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 11.024, 253.399**, and **24, 10.990, 250.811** is the 20% darker color. If you saturate the color by 10%, you get **42, 14.997, 254.550**, and if you desaturate by 10%, it is **46, 7.286, 251.082**.

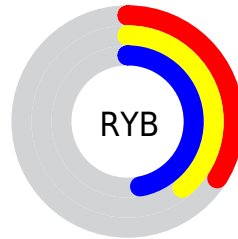
Distribution



Red (34%)

Green (42%)

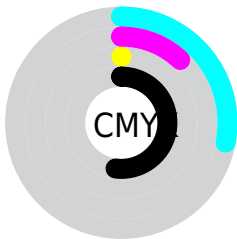
Blue (47%)



Red (34%)

Yellow (39%)

Blue (47%)

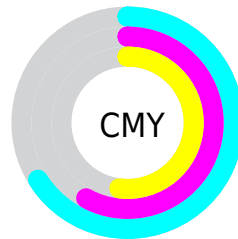


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (52%)



Cyan (66%)

Magenta (58%)

Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 11.202, 252.661 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, 11.202, 252.661 by changing the saturation by 10% instead.


 44, 11.202,
252.661


 44, 11.202,
252.661


 100, 11.202,
252.661


 34, 11.202,
252.661

 64, 11.202,
252.661


 24, 11.202,
252.661

 74, 11.202,
252.661

 14, 11.202,
252.661


 84, 11.202,
252.661

 4, 11.202, 252.661

 94, 11.202,
252.661

 0, 11.202, 252.661

 44, 11.202,

 44, 11.202,

252.661

■ 42, 14.997,
254.550

■ 39, 18.654,
256.818

■ 37, 22.161,
259.520

■ 35, 25.524,
262.708

■ 32, 28.771,
266.404

■ 30, 31.954,
270.581

■ 29, 35.185,
274.937

■ 28, 35.854,
275.737

252.661

■ 46, 7.286, 251.082

■ 49, 3.273, 249.798

■ 52, 0.815, 68.237

■ 54, 4.957, 67.581

■ 57, 9.136, 66.797

■ 59, 13.334, 66.111

■ 62, 17.540, 65.514

■ 64, 21.743, 64.991

■ 67, 25.933, 64.532

Harmonies

Complementary

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



44, 11.202, 252.661



45, 12.385, 65.778

Rectangle

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



44, 11.202, 252.661



44, 11.202, 302.661



44, 11.202, 72.661



44, 11.202, 122.661

Sweetspot

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



44, 11.201, 252.657



63, 4.057, 249.820



48, 17.780, 157.899



32, 2.864, 249.966



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 11.201, 252.657



55, 16.722, 253.912



39, 19.453, 290.711



24, 2.314, 249.920



29, 36.685, 275.894



58, 64.722, 278.678

Inverse Universe

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



41, 18.107, 342.892



51, 27.295, 343.555



50, 18.416, 104.614



24, 3.615, 341.252



26, 50.959, 355.248



55, 85.109, 357.314

Previews

White Background



This preview shows how the CIE LCh color 44, 11.202, 252.661 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, 11.202, 252.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

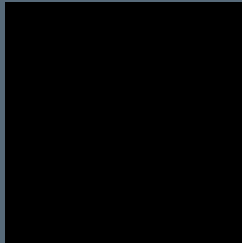
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

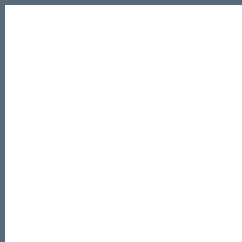
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 11.202, 252.661

Background



This preview shows how black text looks on a background with the CIELCh color 44, 11.202, 252.661.



This preview shows how white text looks on a background with the CIELCh color 44, 11.202, 252.661.

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, 11.202, 252.661

Protanopia

44, 9.612, 286.943

Deuteranopia

44, 13.334, 298.630



Tritanopia
44, 9.410, 233.842

Trichromacy



Original Color
44, 11.202, 252.661

Protanomaly
44, 9.983, 273.832

Deuteranomaly
44, 11.461, 284.196

Tritanomaly
44, 9.795, 241.284

Monochromacy



Original Color
44, 11.202, 252.661

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 4.049, 247.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 11.202, 252.661 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(87, 106, 121)` looks like.

```
.text, #text, p{  
    color:rgb(87, 106, 121)  
}
```

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(87, 106, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 106, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 11.202, 252.661 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(87, 106, 121) }
```

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

```
.border{ border-color:rgb(87, 106, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 106, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 106, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 106, 121);  
box-shadow:4px 4px 4px 4px rgb(87, 106,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 11.202, 252.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 106, 121) }
```

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

```
.background{ background-color: rgb(87, 106,  
121) }
```

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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