

Converting Colors

CIELCh(44, 11.762, 270.424)

Have a look what the booklet for
CIELCh(44, 11.762, 270.424)
contains.

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Color

CIELCh(44, 11.539, 268.928)

Conversions

Conversions Part 1

Format	Color
Hex	5D697B
RGB	93, 105, 123
RGB Percent	36%, 41%, 48%
CMY	0.6356, 0.5885, 0.5180
CMYK	0.24, 0.15, 0.00, 0.52
HSL	216°, 14%, 42%
HSV	216°, 24%, 48%
XYZ	13.1199, 13.8382, 20.6917
YIQ	103.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

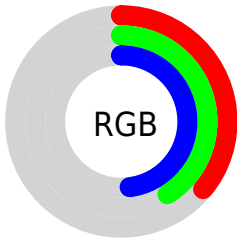
Format	Color
R_{YB}	93, 102, 123
Decimal	6121851
CIE Lab	44.00, -0.22, -11.54
CIE LCh	44, 11.539, 268.928
Yxy	13.8382, 0.2753, 0.2904
Android (android.graphics.Color)	4284311931 (0xFF5D697B)
YUV	103.4640, 9.6312, -9.1769
Hunter-Lab	37.1997, -2.1448, -6.9392

Details

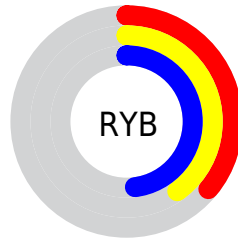
The CIELCh color $44, 11.539, 268.928$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 11.840, 82.379$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 11.319, 269.089$, and $24, 11.404, 268.335$ is the 20% darker color. If you saturate the color by 10%, you get $41, 16.311, 270.773$, and if you desaturate by 10%, it is $47, 6.791, 267.348$.

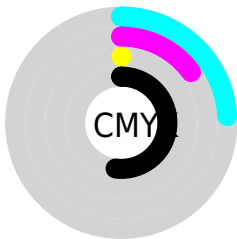
Distribution



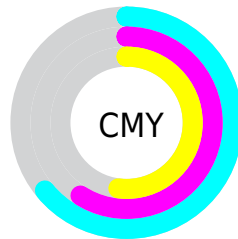
- Red (36%)
- Green (41%)
- Blue (48%)



- Red (36%)
- Yellow (40%)
- Blue (48%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (52%)



- Cyan (64%)
- Magenta (59%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 11.539, 268.928 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, 11.539, 268.928 by changing the saturation by 10% instead.


 44, 11.539,
268.928


 44, 11.539,
268.928


 100, 11.539,
268.928


 34, 11.539,
268.928

 64, 11.539,
268.928


 24, 11.539,
268.928

 74, 11.539,
268.928

 14, 11.539,
268.928


 84, 11.539,
268.928

 4, 11.539, 268.928

 94, 11.539,
268.928

 0, 11.539, 268.928

 44, 11.539,

 44, 11.539,

268.928

268.928

■ 41, 16.311,
270.773

■ 47, 6.791, 267.348

■ 38, 21.109,
272.933

■ 50, 2.073, 266.049

■ 53, 2.611, 84.694

■ 35, 25.940,
275.445

■ 56, 7.255, 83.719

■ 32, 30.822,
278.335

■ 60, 11.854, 82.834

■ 63, 16.402, 82.050

■ 29, 35.783,
281.604

■ 66, 20.895, 81.355

■ 26, 40.856,
285.200

■ 69, 25.332, 80.734

■ 72, 29.710, 80.178

■ 24, 46.059,
288.979

■ 22, 49.045,
290.918

Harmonies

Complementary

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



44, 11.539, 268.928



47, 11.840, 82.379

Rectangle

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



44, 11.539, 268.928



44, 11.539, 318.928



44, 11.539, 88.928



44, 11.539, 138.928

Sweetspot

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



44, 11.538, 268.925



63, 4.102, 266.370



49, 13.974, 166.220



33, 2.686, 266.424



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, 11.538, 268.925



55, 17.094, 269.870



41, 18.308, 295.774



24, 2.643, 266.610



23, 49.715, 290.990



47, 88.513, 293.209

Inverse Universe

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



43, 14.452, 351.704



53, 21.488, 352.314



51, 17.342, 111.495



24, 3.257, 350.137



26, 49.859, 9.759



54, 84.354, 12.784

Previews

White Background



This preview shows how the CIE LCh color 44, 11.539, 268.928 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 44, 11.539, 268.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

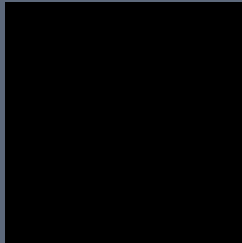
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

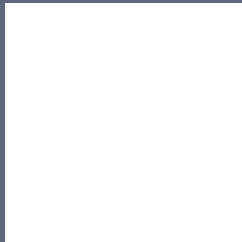
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 11.539, 268.928

Background



This preview shows how black text looks on a background with the CIELCh color 44, 11.539, 268.928.



This preview shows how white text looks on a background with the CIELCh color 44, 11.539, 268.928.

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

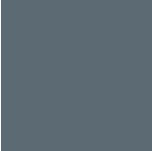
44, 11.539, 268.928

Protanopia

44, 11.426, 286.070

Deuteranopia

44, 13.889, 296.837



Tritanopia
44, 7.758, 243.184

Trichromacy



Original Color
44, 11.539, 268.928

Protanomaly
44, 11.037, 277.857

Deuteranomaly
44, 13.214, 288.787

Tritanomaly
44, 8.801, 254.087

Monochromacy



Original Color
44, 11.539, 268.928

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.077, 261.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 11.539, 268.928 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(93, 105, 123)` looks like.

```
.text, #text, p{  
    color:rgb(93, 105, 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(93, 105, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 105, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 11.539, 268.928 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(93, 105, 123) }
```

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

```
.border{ border-color:rgb(93, 105, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 105, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 105, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 105, 123);  
box-shadow:4px 4px 4px 4px rgb(93, 105,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 11.539, 268.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 105, 123) }
```

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

```
.background{ background-color: rgb(93, 105,  
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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