

Converting Colors

CIELCh(44, 6.113, 188.404)

Have a look what the booklet for
CIELCh(44, 6.113, 188.404) contains.

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Color

CIELCh(44, 6.136, 187.427)

Conversions

Conversions Part 1

Format	Color
Hex	5C6B69
RGB	92, 107, 105
RGB Percent	36%, 42%, 41%
CMY	0.6388, 0.5800, 0.5878
CMYK	0.14, 0.00, 0.02, 0.58
HSL	172°, 8%, 39%
HSV	172°, 14%, 42%
XYZ	12.2461, 13.8382, 15.4167
YIQ	102.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

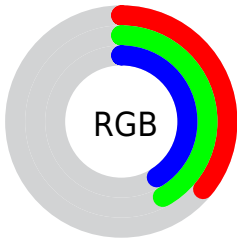
Format	Color
R_{YB}	92, 100, 107
Decimal	6056809
CIE _{Lab}	44.00, -6.08, -0.79
CIE _{LCh}	44, 6.136, 187.427
Yxy	13.8382, 0.2951, 0.3334
Android (android.graphics.Color)	4284246889 (0xFF5C6B69)
YUV	102.2870, 1.3375, -9.0217
Hunter-Lab	37.1997, -6.3374, 1.4683

Details

The CIELCh color **44, 6.136, 187.427** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 6.535, 9.605**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 6.120, 188.399**, and **24, 6.252, 186.033** is the 20% darker color. If you saturate the color by 10%, you get **43, 10.304, 186.596**, and if you desaturate by 10%, it is **45, 1.783, 188.332**.

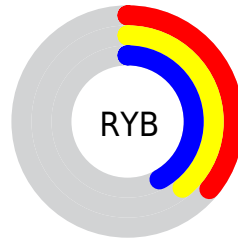
Distribution



Red (36%)

Green (42%)

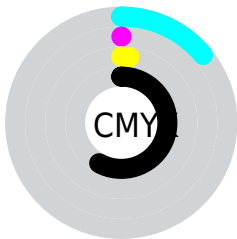
Blue (41%)



Red (36%)

Yellow (39%)

Blue (42%)

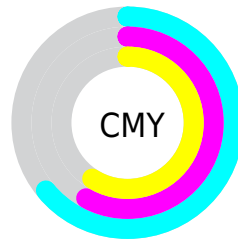


Cyan (14%)

Magenta (0%)

Yellow (2%)

Black (58%)



Cyan (64%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.136, 187.427 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, 6.136, 187.427 by changing the saturation by 10% instead.

■ 44, 6.136, 187.427

■ 44, 6.136, 187.427

■ 100, 6.136,
187.427

■ 34, 6.136, 187.427

■ 64, 6.136, 187.427

■ 24, 6.136, 187.427

■ 74, 6.136, 187.427

■ 14, 6.136, 187.427

■ 84, 6.136, 187.427

■ 4, 6.136, 187.427

■ 94, 6.136, 187.427

■ 0, 6.136, 187.427

■ 44, 6.136, 187.427

■ 44, 6.136, 187.427

■ 43, 10.304,
186.596

■ 45, 1.783, 188.332

■ 43, 14.220,

■ 46, 2.701, 8.782

185.759

47, 7.266, 9.605

42, 17.818,
184.893

48, 11.870, 10.354

41, 21.035,
183.985

49, 16.481, 11.077

51, 21.074, 11.781

41, 23.812,
183.020

52, 25.630, 12.468

41, 26.107,
181.984

53, 30.136, 13.138

55, 34.581, 13.791

40, 27.904,
180.858

40, 29.241,
179.638

40, 29.993,
178.928

Harmonies

Complementary

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



44, 6.136, 187.427



41, 6.535, 9.605

Rectangle

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



44, 6.136, 187.427



44, 6.136, 237.427



44, 6.136, 7.427



44, 6.136, 57.427

Sweetspot

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



44, 6.137, 187.419



58, 2.219, 188.319



44, 10.482, 139.637



30, 1.588, 188.248



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 6.137, 187.419



56, 9.231, 187.133



42, 4.933, 239.134



22, 2.482, 187.845



44, 32.046, 178.773



87, 55.645, 177.874

Inverse Universe

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



41, 6.535, 9.605



51, 9.993, 9.960



42, 5.261, 56.593



21, 2.584, 9.111



23, 53.454, 31.708



51, 95.079, 34.868

Previews

White Background



This preview shows how the CIELCh color 44, 6.136, 187.427 looks on a white background.

Color Contrast Check

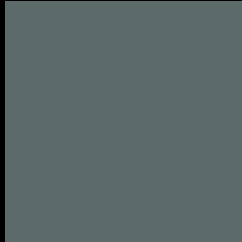
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.136, 187.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

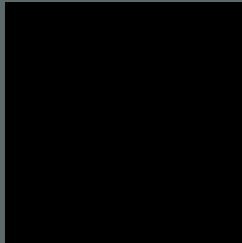
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

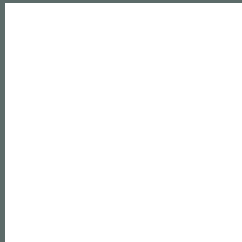
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 6.136, 187.427

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.136, 187.427.



This preview shows how white text looks on a background with the CIELCh color 44, 6.136, 187.427.

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

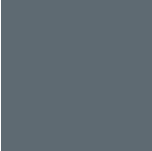
44, 6.136, 187.427

Protanopia

44, 1.244, 19.286

Deuteranopia

44, 5.822, 349.258



Tritanopia
44, 6.583, 245.931

Trichromacy



Original Color
44, 6.136, 187.427

Protanomaly
44, 1.226, 199.534

Deuteranomaly
44, 1.990, 314.724

Tritanomaly
44, 5.833, 229.956

Monochromacy



Original Color
44, 6.136, 187.427

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 2.528, 185.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.136, 187.427 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(92, 107, 105)` looks like.

```
.text, #text, p{  
    color:rgb(92, 107, 105)  
}
```

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(92, 107, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 107, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.136, 187.427 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(92, 107, 105) }
```

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

```
.border{ border-color:rgb(92, 107, 105) }
```

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

Here you see how a box with a 4 pixel rgb(92, 107, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 107, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 107, 105);  
box-shadow:4px 4px 4px 4px rgb(92, 107,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.136, 187.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 107, 105) }
```

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

```
.background{ background-color: rgb(92, 107,  
105) }
```

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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