

Converting Colors

CIELCh(44, 2.238, 245.643)

Have a look what the booklet for
CIELCh(44, 2.238, 245.643) contains.

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Color

CIELCh(44, 1.997, 236.297)

Conversions

Conversions Part 1

Format	Color
Hex	65696B
RGB	101, 105, 107
RGB Percent	40%, 41%, 42%
CMY	0.6052, 0.5895, 0.5817
CMYK	0.06, 0.02, 0.00, 0.58
HSL	200°, 3%, 41%
HSV	200°, 6%, 42%
XYZ	12.9845, 13.8382, 15.8051
YIQ	104.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

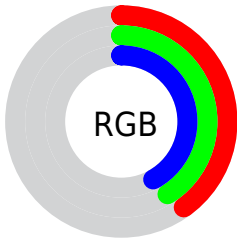
Format	Color
R_{YB}	101, 103, 107
Decimal	6646123
CIE Lab	44.00, -1.11, -1.66
CIE LCh	44, 1.997, 236.297
Yxy	13.8382, 0.3046, 0.3246
Android (android.graphics.Color)	4284836203 (0xFF65696B)
YUV	104.0320, 1.4632, -2.6591
Hunter-Lab	37.1997, -2.7947, 0.8492

Details

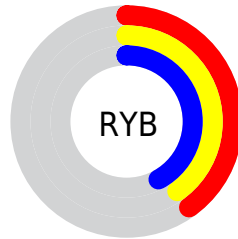
The CIELCh color **44, 1.997, 236.297** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 2.045, 55.091**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 1.868, 236.223**, and **24, 2.190, 236.551** is the 20% darker color. If you saturate the color by 10%, you get **42, 5.449, 237.103**, and if you desaturate by 10%, it is **46, 1.573, 55.144**.

Distribution



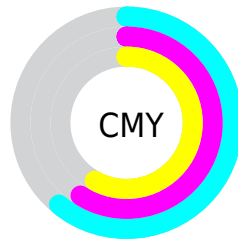
- Red (40%)
- Green (41%)
- Blue (42%)



- Red (40%)
- Yellow (40%)
- Blue (42%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 1.997, 236.297 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, 1.997, 236.297 by changing the saturation by 10% instead.

■ 44, 1.997, 236.297

■ 44, 1.997, 236.297

■ 100, 1.997,
236.297

■ 34, 1.997, 236.297

■ 64, 1.997, 236.297

■ 24, 1.997, 236.297

■ 74, 1.997, 236.297

■ 14, 1.997, 236.297

■ 84, 1.997, 236.297

■ 4, 1.997, 236.297

■ 94, 1.997, 236.297

■ 0, 1.997, 236.297

■ 44, 1.997, 236.297

■ 44, 1.997, 236.297

■ 42, 5.449, 237.103

■ 46, 1.573, 55.144

■ 40, 8.754, 238.241

■ 48, 5.233, 54.657

■ 38, 11.877,
239.662

■ 50, 8.960, 54.170

■ 37, 14.786,
241.421

■ 52, 12.734, 53.759

■ 35, 17.453,
243.586

■ 54, 16.540, 53.417

■ 33, 19.859,
246.230

■ 58, 24.194, 52.891

■ 32, 22.004,
249.420

■ 60, 28.024, 52.689

■ 30, 23.916,
253.201

■ 62, 31.845, 52.518

■ 29, 25.691,
257.423

Harmonies

Complementary

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



44, 1.997, 236.297



44, 2.045, 55.091

Rectangle

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



44, 1.997, 236.297



44, 1.997, 286.297



44, 1.997, 56.297



44, 1.997, 106.297

Sweetspot

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



44, 1.997, 236.260



57, 0.883, 236.233



44, 3.492, 154.662



29, 0.499, 236.258



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



44, 1.997, 236.260



56, 3.058, 236.361



43, 2.974, 282.021



22, 1.598, 236.360



31, 28.519, 259.761



64, 50.744, 263.011

Inverse Universe

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



43, 3.468, 335.958



55, 5.333, 336.077



45, 2.945, 100.768



21, 2.786, 336.076



25, 51.367, 346.389



54, 87.415, 347.852

Previews

White Background



This preview shows how the CIE LCh color 44, 1.997, 236.297 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, 1.997, 236.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

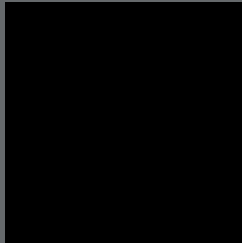
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

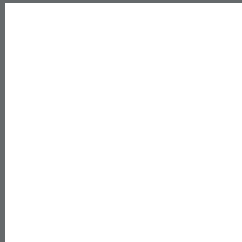
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 1.997, 236.297

Background



This preview shows how black text looks on a background with the CIELCh color 44, 1.997, 236.297.



This preview shows how white text looks on a background with the CIELCh color 44, 1.997, 236.297.

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, 1.997, 236.297

Protanopia

44, 1.990, 314.724

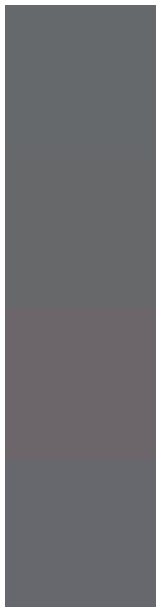
Deuteranopia

44, 5.810, 341.980



Tritanopia
44, 4.845, 281.426

Trichromacy



Original Color

44, 1.997, 236.297

Protanomaly

44, 1.264, 271.574

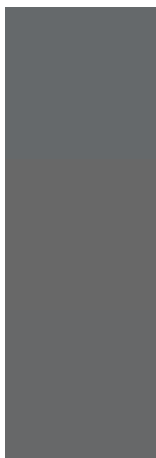
Deuteranomaly

44, 3.901, 329.657

Tritanomaly

44, 3.671, 278.099

Monochromacy



Original Color

44, 1.997, 236.297

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 0.724, 255.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 1.997, 236.297 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, 105, 107)` looks like.

```
.text, #text, p{  
    color:rgb(101, 105, 107)  
}
```

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, 105, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 105, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 1.997, 236.297 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, 105, 107) }
```

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

```
.border{ border-color:rgb(101, 105, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 105, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 105, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 105, 107);  
box-shadow:4px 4px 4px 4px rgb(101, 105,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 1.997, 236.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 105, 107) }
```

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

```
.background{ background-color: rgb(101,  
105, 107) }
```

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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