

Converting Colors

CIELCh(44, 6.567, 144.024)

Have a look what the booklet for
CIELCh(44, 6.567, 144.024) contains.

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Color

CIELCh(44, 6.590, 144.002)

Conversions

Conversions Part 1

Format	Color
Hex	616A61
RGB	97, 106, 97
RGB Percent	38%, 42%, 38%
CMY	0.6179, 0.5825, 0.6179
CMYK	0.08, 0.00, 0.08, 0.58
HSL	120°, 4%, 40%
HSV	120°, 8%, 42%
XYZ	12.3560, 13.8382, 13.4376
YIQ	102.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

Format	Color
R _Y B	97, 106, 106
Decimal	6384225
CIE Lab	44.00, -5.33, 3.87
CIE LCh	44, 6.590, 144.002
Yxy	13.8382, 0.3118, 0.3492
Android (android.graphics.Color)	4284574305 (0xFF616A61)
YUV	102.2830, -2.6045, -4.6332
Hunter-Lab	37.1997, -5.8102, 4.6226

Details

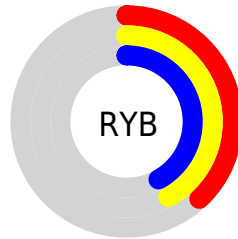
The CIELCh color **44, 6.590, 144.002** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 6.603, 324.852**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 6.127, 144.157**, and **24, 6.486, 143.758** is the 20% darker color. If you saturate the color by 10%, you get **43, 14.453, 143.357**, and if you desaturate by 10%, it is **45, 1.194, 324.382**.

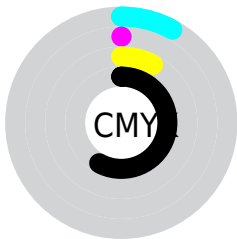
Distribution



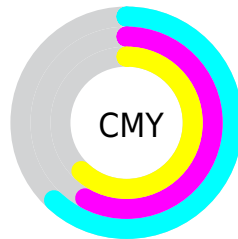
- Red (38%)
- Green (42%)
- Blue (38%)



- Red (38%)
- Yellow (42%)
- Blue (42%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)





















- Cyan (62%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.590, 144.002 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, 6.590, 144.002 by changing the saturation by 10% instead.

 44, 6.590, 144.002	 44, 6.590, 144.002
 100, 6.590, 144.002	 34, 6.590, 144.002
 64, 6.590, 144.002	 24, 6.590, 144.002
 74, 6.590, 144.002	 14, 6.590, 144.002
 84, 6.590, 144.002	 4, 6.590, 144.002
 94, 6.590, 144.002	 0, 6.590, 144.002

 44, 6.590, 144.002	 44, 6.590, 144.002
 43, 14.453, 143.357	 45, 1.194, 324.382
 42, 22.301,	 46, 8.837, 324.961

142.618

48, 16.295,
325.362

41, 30.009,
141.773

49, 23.540,
325.701

40, 37.419,
140.821

51, 30.559,
325.990

40, 44.334,
139.784

53, 37.347,
326.238

39, 50.513,
138.711

54, 43.908,
326.451

39, 55.683,
137.688

56, 50.247,
326.635

39, 59.567,
136.834

58, 56.374,
326.795

39, 62.518,
136.132

Harmonies

Complementary

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



44, 6.590, 144.002



42, 6.603, 324.852

Rectangle

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



44, 6.590, 144.002



44, 6.590, 194.002



44, 6.590, 324.002



44, 6.590, 14.002

Sweetspot

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



44, 6.591, 144.002



57, 2.871, 144.347



45, 5.267, 108.728



29, 2.162, 144.298



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, 6.591, 144.002



56, 9.632, 143.891



44, 4.652, 162.166



22, 4.400, 143.971



42, 67.487, 136.016



85, 116.131, 136.016

Inverse Universe

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



42, 6.603, 324.852



54, 9.646, 324.950



42, 4.701, 343.362



21, 4.407, 324.880



27, 65.115, 328.231



58, 112.048, 328.231

Previews

White Background



This preview shows how the CIELCh color 44, 6.590, 144.002 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, 6.590, 144.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

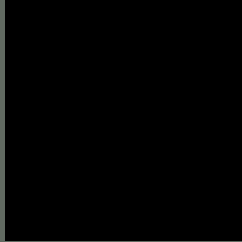
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

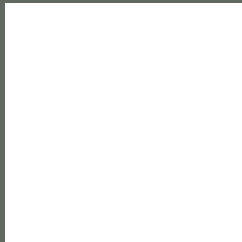
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 6.590, 144.002

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.590, 144.002.



This preview shows how white text looks on a background with the CIELCh color 44, 6.590, 144.002.

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, 6.590, 144.002

Protanopia

44, 4.683, 82.504

Deuteranopia

44, 6.850, 25.195



Tritanopia
44, 5.589, 274.567

Trichromacy



Original Color

44, 6.590, 144.002

Protanomaly

44, 4.178, 109.564

Deuteranomaly

44, 3.801, 58.516

Tritanomaly

44, 2.677, 225.895

Monochromacy



Original Color

44, 6.590, 144.002

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 2.192, 144.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.590, 144.002 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(97, 106, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 106, 97)  
}
```

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(97, 106, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 106, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.590, 144.002 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(97, 106, 97) }
```

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

```
.border{ border-color:rgb(97, 106, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 106, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 106, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 106, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 106,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.590, 144.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 106, 97) }
```

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

```
.background{ background-color: rgb(97, 106,  
97) }
```

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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