

Converting Colors

CIELCh(43, 8.104, 48.421)

Have a look what the booklet for
CIELCh(43, 8.104, 48.421) contains.

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Color

CIELCh(43, 8.264, 45.860)

Conversions

Conversions Part 1

Format	Color
Hex	73625C
RGB	115, 98, 92
RGB Percent	45%, 38%, 36%
CMY	0.5489, 0.6156, 0.6391
CMYK	0.00, 0.15, 0.20, 0.55
HSL	16°, 11%, 41%
HSV	16°, 20%, 45%
XYZ	13.3745, 13.1578, 11.9641
YIQ	102.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

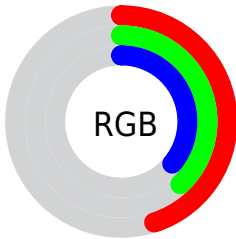
Format	Color
R_{YB}	115, 100, 92
Decimal	7561820
CIE _{Lab}	43.00, 5.76, 5.93
CIE _{LCh}	43, 8.264, 45.860
Yxy	13.1578, 0.3474, 0.3418
Android (android.graphics.Color)	4285751900 (0xFF73625C)
YUV	102.3990, -5.1267, 11.0511
Hunter-Lab	36.2736, 2.3360, 5.8360

Details

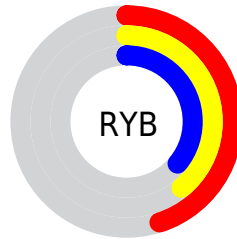
The CIELCh color $43, 8.264, 45.860$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 7.356, 228.060$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 8.204, 48.228$, and $23, 8.500, 48.307$ is the 20% darker color. If you saturate the color by 10%, you get $40, 12.880, 45.583$, and if you desaturate by 10%, it is $46, 3.978, 46.214$.

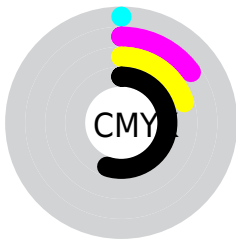
Distribution



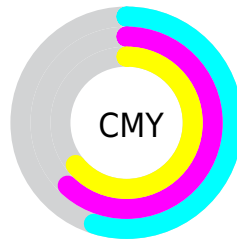
- Red (45%)
- Green (38%)
- Blue (36%)



- Red (45%)
- Yellow (39%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (55%)




- Cyan (55%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 8.264, 45.860 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 43, 8.264, 45.860 by changing the saturation by 10% instead.

 43, 8.264, 45.860	 43, 8.264, 45.860
 100, 8.264, 45.860	 33, 8.264, 45.860
 63, 8.264, 45.860	 23, 8.264, 45.860
 73, 8.264, 45.860	 13, 8.264, 45.860
 83, 8.264, 45.860	 3, 8.264, 45.860
 93, 8.264, 45.860	 0, 8.264, 45.860

 43, 8.264, 45.860	 43, 8.264, 45.860
 40, 12.880, 45.583	 46, 3.978, 46.214
 38, 17.850, 45.396	 48, 0.007, 286.655
 35, 23.181, 45.337	 51, 3.711, 227.347

■ 33, 28.856, 45.422

■ 54, 7.175, 227.832

■ 31, 34.810, 45.644

■ 57, 10.423,
228.366

■ 29, 40.883, 45.938

■ 60, 13.480,
228.918

■ 27, 46.705, 46.088

■ 25, 51.607, 45.798

■ 62, 16.369,
229.476

■ 25, 51.608, 45.798

■ 65, 19.111,
230.032

■ 68, 21.723,
230.582

Harmonies

Complementary

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



43, 8.264, 45.860



45, 7.356, 228.060

Rectangle

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



43, 8.264, 45.860



43, 8.264, 95.860



43, 8.264, 225.860



43, 8.264, 275.860

Sweetspot

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



43, 8.264, 45.871



60, 2.933, 46.325



42, 14.051, 333.587



31, 1.964, 46.314



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 8.264, 45.871



54, 12.579, 45.727



46, 10.486, 94.948



23, 2.268, 46.245



27, 54.487, 45.982



56, 95.663, 45.137

Inverse Universe

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



45, 7.356, 228.060



57, 10.864, 228.451



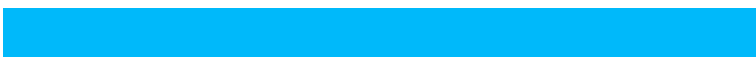
42, 10.620, 279.784



24, 2.159, 227.341



36, 26.633, 246.642



70, 45.917, 249.486

Previews

White Background



This preview shows how the CIELCh color 43, 8.264, 45.860 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 43, 8.264, 45.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

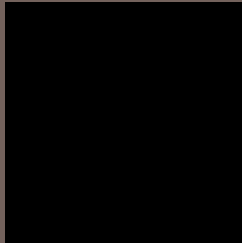
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 8.264, 45.860

Background



This preview shows how black text looks on a background with the CIELCh color 43, 8.264, 45.860.



This preview shows how white text looks on a background with the CIELCh color 43, 8.264, 45.860.

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

43, 8.264, 45.860

Protanopia

43, 4.521, 87.354

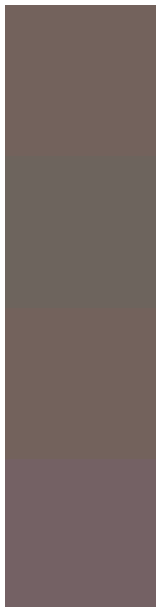
Deuteranopia

43, 8.264, 45.860



Tritanopia
43, 9.651, 350.937

Trichromacy



Original Color
43, 8.264, 45.860

Protanomaly
43, 5.714, 66.775

Deuteranomaly
43, 8.264, 45.860

Tritanomaly
43, 8.261, 7.960

Monochromacy



Original Color
43, 8.264, 45.860

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 3.097, 54.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 8.264, 45.860 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(115, 98, 92)` looks like.

```
.text, #text, p{  
    color:rgb(115, 98, 92)  
}
```

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(115, 98, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 98, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 8.264, 45.860 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(115, 98, 92) }
```

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

```
.border{ border-color:rgb(115, 98, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 98, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 98, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 98, 92);  
box-shadow:4px 4px 4px 4px rgb(115, 98,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 8.264, 45.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 98, 92) }
```

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

```
.background{ background-color: rgb(115, 98,  
92) }
```

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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