

Converting Colors

CIELCh(44, 24.091, 96.112)

Have a look what the booklet for
CIELCh(44, 24.091, 96.112) contains.

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Color

CIELCh(44, 24.047, 95.475)

Conversions

Conversions Part 1

Format	Color
Hex	726840
RGB	114, 104, 64
RGB Percent	45%, 41%, 25%
CMY	0.5531, 0.5923, 0.7491
CMYK	0.00, 0.09, 0.44, 0.55
HSL	48°, 28%, 35%
HSV	48°, 44%, 45%
XYZ	12.8058, 13.8382, 6.8415
YIQ	102.4300, 18.8000, -10.3200

Conversions

Conversions Part 2

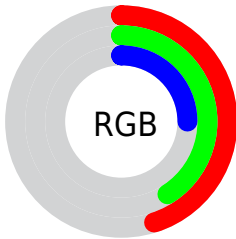
Format	Color
RYB	77, 114, 64
Decimal	7497792
CIELab	44.00, -2.29, 23.94
CIElCh	44, 24.047, 95.475
Yxy	13.8382, 0.3824, 0.4133
Android (android.graphics.Color)	4285687872 (0xFF726840)
YUV	102.4300, -18.9460, 10.1469
Hunter-Lab	37.1997, -3.6517, 15.1356

Details

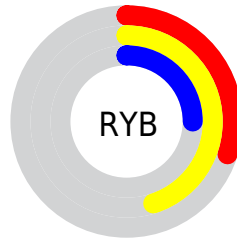
The CIELCh color **44, 24.047, 95.475** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **32, 25.388, 286.906**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 24.286, 95.432**, and **24, 23.871, 94.590** is the 20% darker color. If you saturate the color by 10%, you get **43, 29.392, 94.302**, and if you desaturate by 10%, it is **45, 18.582, 96.641**.

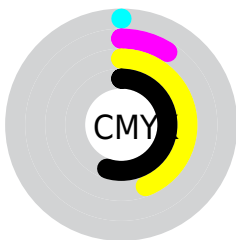
Distribution



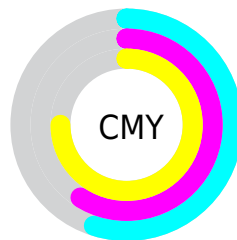
- Red (45%)
- Green (41%)
- Blue (25%)



- Red (30%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (55%)





















- Cyan (55%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 24.047, 95.475 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, 24.047, 95.475 by changing the saturation by 10% instead.

 44, 24.047, 95.475	 44, 24.047, 95.475
 100, 24.047, 95.475	 34, 24.047, 95.475
 64, 24.047, 95.475	 24, 24.047, 95.475
 74, 24.047, 95.475	 14, 24.047, 95.475
 84, 24.047, 95.475	 4, 24.047, 95.475
 94, 24.047, 95.475	 0, 24.047, 95.475
 44, 24.047, 95.475	 44, 24.047, 95.475
 43, 29.392, 94.302	 45, 18.582, 96.641
 42, 34.482, 93.112	 46, 13.075, 97.783

■ 42, 39.105, 91.907

■ 47, 7.572, 98.896

■ 41, 42.948, 90.669

■ 48, 2.100, 99.947

■ 40, 45.699, 89.369

■ 49, 3.327, 281.078

■ 40, 47.349, 88.605

■ 50, 8.703, 282.070

■ 51, 14.024,
283.034

■ 52, 19.290,
283.957

■ 53, 24.501,
284.836

Harmonies

Complementary

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



44, 24.047, 95.475



32, 25.388, 286.906

Rectangle

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



44, 24.047, 95.475



44, 24.047, 145.475



44, 24.047, 275.475



44, 24.047, 325.475

Sweetspot

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



44, 24.048, 95.479



60, 8.785, 98.954



33, 23.297, 8.508



30, 6.112, 98.760



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 24.048, 95.479



55, 35.791, 94.243



46, 29.646, 119.406



23, 3.024, 99.423



42, 49.059, 88.515



82, 83.371, 87.563

Inverse Universe

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



32, 25.388, 286.906



38, 38.617, 289.169



31, 32.385, 304.836



22, 3.057, 281.439



16, 64.753, 301.411



36, 116.137, 302.901

Previews

White Background



This preview shows how the CIELCh color 44, 24.047, 95.475 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, 24.047, 95.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

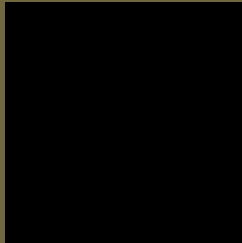
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 24.047, 95.475

Background



This preview shows how black text looks on a background with the CIELCh color 44, 24.047, 95.475.



This preview shows how white text looks on a background with the CIELCh color 44, 24.047, 95.475.

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, 24.047, 95.475

Protanopia

44, 24.047, 95.475

Deuteranopia

44, 24.213, 75.233



Tritanopia
44, 9.240, 349.525

Trichromacy



Original Color
44, 24.047, 95.475

Protanomaly
44, 24.047, 95.475

Deuteranomaly
44, 23.701, 82.271

Tritanomaly
44, 9.249, 59.966

Monochromacy



Original Color
44, 24.047, 95.475

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 9.046, 100.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 24.047, 95.475 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(114, 104, 64)` looks like.

```
.text, #text, p{  
    color:rgb(114, 104, 64)  
}
```

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(114, 104, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 104, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 24.047, 95.475 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(114, 104, 64) }
```

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

```
.border{ border-color:rgb(114, 104, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 104, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 104, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 104, 64);  
box-shadow:4px 4px 4px 4px rgb(114, 104,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 24.047, 95.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 104, 64) }
```

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

```
.background{ background-color: rgb(114,  
104, 64) }
```

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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