

Converting Colors

CIELCh(24, 37.629, 24.593)

Have a look what the booklet for
CIELCh(24, 37.629, 24.593) contains.

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Color

CIELCh(24, 37.630, 25.174)

Conversions

Conversions Part 1

Format	Color
Hex	6A1E23
RGB	106, 30, 35
RGB Percent	42%, 12%, 14%
CMY	0.5848, 0.8828, 0.8631
CMYK	0.00, 0.72, 0.67, 0.58
HSL	356°, 56%, 27%
HSV	356°, 72%, 42%
XYZ	6.6926, 4.1002, 2.0216
YIQ	53.2940, 43.6910, 17.6670

Conversions

Conversions Part 2

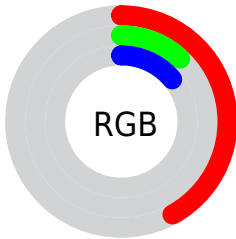
Format	Color
R_{YB}	106, 30, 35
Decimal	6954531
CIE _{Lab}	24.00, 34.06, 16.01
CIE _{LCh}	24, 37.630, 25.174
Yxy	4.1002, 0.5223, 0.3200
Android (android.graphics.Color)	4285144611 (0xFF6A1E23)
YUV	53.2940, -9.0189, 46.2232
Hunter-Lab	20.2490, 23.5617, 8.2551

Details

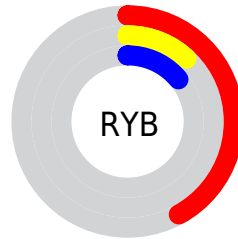
The CIELCh color **24, 37.630, 25.174** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **40, 24.152, 189.236**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 37.890, 25.195**, and **7, 28.238, 22.497** is the 20% darker color. If you saturate the color by 10%, you get **22, 42.913, 28.625**, and if you desaturate by 10%, it is **26, 32.068, 22.337**.

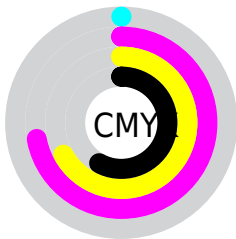
Distribution



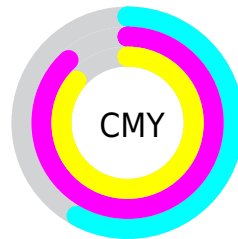
- Red (42%)
- Green (12%)
- Blue (14%)



- Red (42%)
- Yellow (12%)
- Blue (14%)



- Cyan (0%)
- Magenta (72%)
- Yellow (67%)
- Black (58%)



- Cyan (58%)
- Magenta (88%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 37.630, 25.174 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 24, 37.630, 25.174 by changing the saturation by 10% instead.

■ 24, 37.630, 25.174

■ 24, 37.630, 25.174

■ 100, 37.630,
25.174

■ 14, 37.630, 25.174

■ 44, 37.630, 25.174

■ 4, 37.630, 25.174

■ 54, 37.630, 25.174

■ 0, 37.630, 25.174

■ 64, 37.630, 25.174

■ 74, 37.630, 25.174

■ 84, 37.630, 25.174

■ 94, 37.630, 25.174

■ 24, 37.630, 25.174

■ 24, 37.630, 25.174

22, 42.913, 28.625

26, 32.068, 22.337

21, 47.617, 32.314

29, 26.409, 20.068

20, 50.698, 33.793

31, 20.807, 18.271

34, 15.385, 16.844

38, 10.219, 15.696

41, 5.347, 14.745

44, 0.778, 13.615

48, 3.496, 193.522

51, 7.494, 192.940

Harmonies

Complementary

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



24, 37.630, 25.174



40, 24.152, 189.236

Rectangle

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



24, 37.630, 25.174



24, 37.630, 75.174



24, 37.630, 205.174



24, 37.630, 255.174

Sweetspot

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



24, 37.628, 25.177



48, 12.848, 15.784



26, 51.019, 325.565



23, 8.619, 15.982



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



24, 37.628, 25.177



29, 55.734, 31.189



31, 31.674, 60.586



21, 2.553, 14.498



23, 55.249, 34.932



51, 98.769, 38.039

Inverse Universe

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



24, 37.628, 25.177



29, 55.734, 31.189



30, 23.686, 262.628



21, 2.553, 14.498



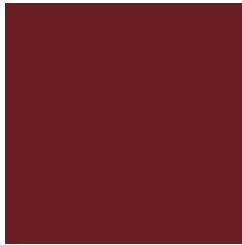
23, 55.249, 34.932



51, 98.769, 38.039

Previews

White Background



This preview shows how the CIE LCh color 24, 37.630, 25.174 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 24, 37.630, 25.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

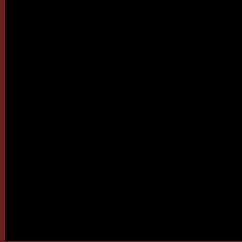
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 37.630, 25.174

Background



This preview shows how black text looks on a background with the CIELCh color 24, 37.630, 25.174.

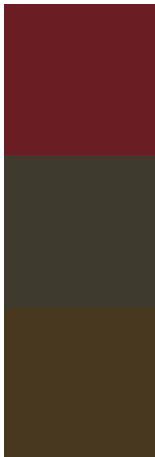


This preview shows how white text looks on a background with the CIELCh color 24, 37.630, 25.174.

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

24, 37.630, 25.174

Protanopia

24, 8.124, 94.523

Deuteranopia

25, 18.543, 79.461



Tritanopia
24, 38.317, 27.924

Trichromacy



Original Color
24, 37.630, 25.174

Protanomaly
23, 15.993, 36.470

Deuteranomaly
24, 22.660, 47.875

Tritanomaly
24, 38.077, 27.022

Monochromacy



Original Color
24, 37.630, 25.174

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 13.386, 19.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 37.630, 25.174 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(106, 30, 35)` looks like.

```
.text, #text, p{  
    color:rgb(106, 30, 35)  
}
```

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(106, 30, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 30, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 37.630, 25.174 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(106, 30, 35) }
```

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

```
.border{ border-color:rgb(106, 30, 35) }
```

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

Here you see how a box with a 4 pixel rgb(106, 30, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 30, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 30, 35);  
box-shadow:4px 4px 4px 4px rgb(106, 30,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 37.630, 25.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 30, 35) }
```

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

```
.background{ background-color: rgb(106, 30,  
35) }
```

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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