

Converting Colors

CIELCh(24, 32.369, 13.310)

Have a look what the booklet for
CIELCh(24, 32.369, 13.310) contains.

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Color

CIELCh(24, 32.261, 13.804)

Conversions

Conversions Part 1

Format	Color
Hex	65222F
RGB	101, 34, 47
RGB Percent	40%, 13%, 18%
CMY	0.6045, 0.8671, 0.8161
CMYK	0.00, 0.66, 0.54, 0.60
HSL	348°, 50%, 26%
HSV	348°, 66%, 40%
XYZ	6.4310, 4.1002, 3.1302
YIQ	55.5150, 35.7590, 18.2470

Conversions

Conversions Part 2

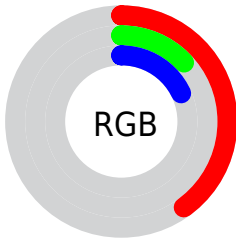
Format	Color
RYB	101, 34, 47
Decimal	6627887
CIELab	24.00, 31.33, 7.70
CIElCh	24, 32.261, 13.804
Yxy	4.1002, 0.4707, 0.3001
Android (android.graphics.Color)	4284817967 (0xFF65222F)
YUV	55.5150, -4.1979, 39.8903
Hunter-Lab	20.2490, 21.2550, 5.0089

Details

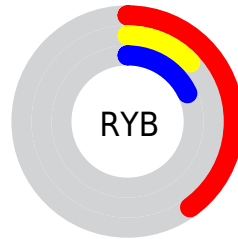
The CIELCh color **24, 32.261, 13.804** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38, 24.469, 177.250**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 32.323, 13.114**, and **6, 27.105, 21.758** is the 20% darker color. If you saturate the color by 10%, you get **22, 36.775, 16.935**, and if you desaturate by 10%, it is **26, 27.387, 11.298**.

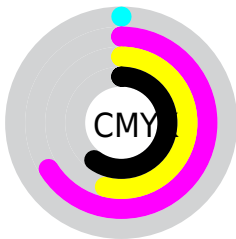
Distribution



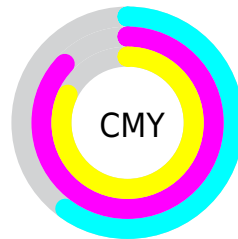
- Red (40%)
- Green (13%)
- Blue (18%)



- Red (40%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (66%)
- Yellow (54%)
- Black (60%)



- Cyan (60%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 32.261, 13.804 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, 32.261, 13.804 by changing the saturation by 10% instead.

■ 24, 32.261, 13.804

■ 24, 32.261, 13.804

■ 100, 32.261,
13.804

■ 14, 32.261, 13.804

■ 44, 32.261, 13.804

■ 4, 32.261, 13.804

■ 54, 32.261, 13.804

■ 0, 32.261, 13.804

■ 64, 32.261, 13.804

■ 74, 32.261, 13.804

■ 84, 32.261, 13.804

■ 94, 32.261, 13.804

■ 24, 32.261, 13.804

■ 24, 32.261, 13.804

22, 36.775, 16.935

26, 27.387, 11.298

21, 40.794, 20.784

29, 22.332, 9.284

20, 44.482, 25.040

32, 17.251, 7.647

19, 45.894, 26.367

35, 12.264, 6.296

38, 7.445, 5.154

41, 2.837, 4.129

44, 1.545, 183.612

47, 5.700, 182.742

50, 9.638, 182.078

Harmonies

Complementary

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



24, 32.261, 13.804



38, 24.469, 177.250

Rectangle

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



24, 32.261, 13.804



24, 32.261, 63.804



24, 32.261, 193.804



24, 32.261, 243.804

Sweetspot

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



24, 32.259, 13.806



47, 11.294, 5.608



24, 45.774, 321.250



23, 7.802, 5.836



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



24, 32.259, 13.806



29, 46.970, 19.094



28, 28.710, 48.856



19, 2.524, 4.388



23, 50.647, 27.318



51, 90.548, 30.879

Inverse Universe

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



24, 32.259, 13.806



29, 46.970, 19.094



32, 18.749, 241.124



19, 2.524, 4.388



23, 50.647, 27.318



51, 90.548, 30.879

Previews

White Background



This preview shows how the CIELCh color 24, 32.261, 13.804 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, 32.261, 13.804 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, 32.261, 13.804

Background



This preview shows how black text looks on a background with the CIELCh color 24, 32.261, 13.804.



This preview shows how white text looks on a background with the CIELCh color 24, 32.261, 13.804.

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, 32.261, 13.804

Protanopia

25, 0.809, 324.387

Deuteranopia

25, 10.325, 69.335



Tritanopia
24, 32.186, 25.293

Trichromacy



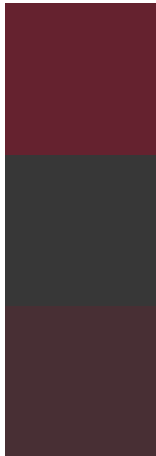
Original Color
24, 32.261, 13.804

Protanomaly
23, 12.425, 3.653

Deuteranomaly
24, 16.814, 29.407

Tritanomaly
24, 32.033, 21.142

Monochromacy



Original Color
24, 32.261, 13.804

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 12.380, 6.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 32.261, 13.804 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, 34, 47)` looks like.

```
.text, #text, p{  
    color:rgb(101, 34, 47)  
}
```

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, 34, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 34, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 32.261, 13.804 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, 34, 47) }
```

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

```
.border{ border-color:rgb(101, 34, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 34, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 34, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 34, 47);  
box-shadow:4px 4px 4px 4px rgb(101, 34,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 32.261, 13.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 34, 47) }
```

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

```
.background{ background-color: rgb(101, 34,  
47) }
```

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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