

Converting Colors

CIELCh(44, 64.390, 24.282)

Have a look what the booklet for
CIELCh(44, 64.390, 24.282) contains.

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Color

CIELCh(44, 64.583, 24.098)

Conversions

Conversions Part 1

Format	Color
Hex	C32D40
RGB	195, 45, 64
RGB Percent	76%, 18%, 25%
CMY	0.2355, 0.8237, 0.7492
CMYK	0.00, 0.77, 0.67, 0.24
HSL	352°, 63%, 47%
HSV	352°, 77%, 76%
XYZ	24.3539, 13.8382, 6.2328
YIQ	92.0160, 83.3010, 37.7090

Conversions

Conversions Part 2

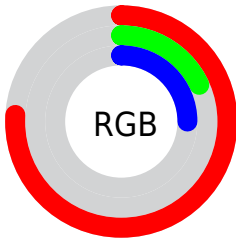
Format	Color
RYB	195, 45, 64
Decimal	12791104
CIELab	44.00, 58.95, 26.37
CIElCh	44, 64.583, 24.098
Yxy	13.8382, 0.5482, 0.3115
Android (android.graphics.Color)	4290981184 (0xFFC32D40)
YUV	92.0160, -13.8119, 90.3170
Hunter-Lab	37.1997, 51.7606, 16.1059

Details

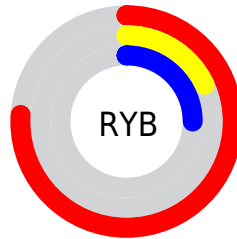
The CIELCh color **44, 64.583, 24.098** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **71, 42.198, 181.888**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 63.433, 23.745**, and **27, 58.159, 30.489** is the 20% darker color. If you saturate the color by 10%, you get **42, 71.821, 28.526**, and if you desaturate by 10%, it is **47, 56.516, 20.388**.

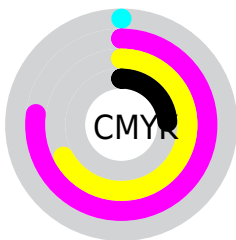
Distribution



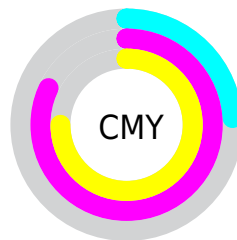
- Red (76%)
- Green (18%)
- Blue (25%)



- Red (76%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (77%)
- Yellow (67%)
- Black (24%)



- Cyan (24%)
- Magenta (82%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 64.583, 24.098 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, 64.583, 24.098 by changing the saturation by 10% instead.

 44, 64.583, 24.098  44, 64.583, 24.098

 100, 64.583,
24.098  34, 64.583, 24.098

 64, 64.583, 24.098  24, 64.583, 24.098

 74, 64.583, 24.098  14, 64.583, 24.098

 84, 64.583, 24.098  4, 64.583, 24.098

 94, 64.583, 24.098  0, 64.583, 24.098

 44, 64.583, 24.098  44, 64.583, 24.098

 42, 71.821, 28.526  47, 56.516, 20.388

 41, 78.065, 33.283  50, 47.863, 17.414

41, 79.854, 34.566

55, 38.927, 15.069

59, 30.006, 13.217

64, 21.324, 11.736

70, 13.023, 10.526

75, 5.173, 9.482

80, 2.208, 188.993

86, 9.133, 188.112

Harmonies

Complementary

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



44, 64.583, 24.098



71, 42.198, 181.888

Rectangle

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



44, 64.583, 24.098



44, 64.583, 74.098



44, 64.583, 204.098



44, 64.583, 254.098

Sweetspot

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



44, 64.580, 24.100



84, 22.232, 11.276



46, 86.159, 323.516



43, 15.676, 11.749



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 64.580, 24.100



54, 92.302, 31.634



53, 57.874, 53.904



38, 4.239, 9.731



33, 68.634, 33.832



3, 14.124, 12.517

Inverse Universe

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



44, 64.580, 24.100



54, 92.302, 31.634



55, 37.327, 256.774



38, 4.239, 9.731



33, 68.634, 33.832



3, 14.124, 12.517

Previews

White Background



This preview shows how the CIELCh color 44, 64.583, 24.098 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, 64.583, 24.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

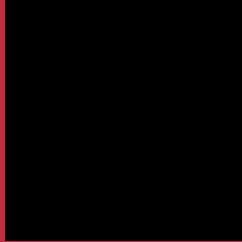
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 64.583, 24.098

Background



This preview shows how black text looks on a background with the CIELCh color 44, 64.583, 24.098.

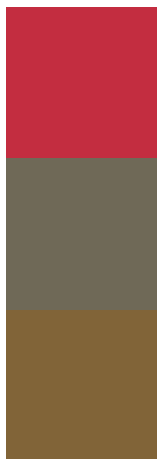


This preview shows how white text looks on a background with the CIELCh color 44, 64.583, 24.098.

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, 64.583, 24.098

Protanopia

44, 11.021, 94.767

Deuteranopia

44, 29.810, 78.304



Tritanopia
44, 66.986, 31.691

Trichromacy



Original Color
44, 64.583, 24.098

Protanomaly
42, 27.346, 28.224

Deuteranomaly
42, 38.469, 42.362

Tritanomaly
44, 65.935, 29.234

Monochromacy



Original Color
44, 64.583, 24.098

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 24.468, 13.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 64.583, 24.098 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(195, 45, 64)` looks like.

```
.text, #text, p{  
    color:rgb(195, 45, 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(195, 45, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 45, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 64.583, 24.098 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(195, 45, 64) }
```

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

```
.border{ border-color:rgb(195, 45, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 45, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 45, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 45, 64);  
box-shadow:4px 4px 4px 4px rgb(195, 45,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 64.583, 24.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 45, 64) }
```

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

```
.background{ background-color: rgb(195, 45,  
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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