

Converting Colors

CIE LCh(58, 6.698, 23.600)

Have a look what the booklet for
CIELCh(58, 6.698, 23.600) contains.

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Color

CIELCh(58, 6.444, 25.015)

Conversions

Conversions Part 1

Format	Color
Hex	988887
RGB	152, 136, 135
RGB Percent	60%, 53%, 53%
CMY	0.4046, 0.4673, 0.4713
CMYK	0.00, 0.11, 0.11, 0.40
HSL	4°, 8%, 56%
HSV	4°, 11%, 60%
XYZ	26.0553, 25.9610, 26.4944
YIQ	140.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

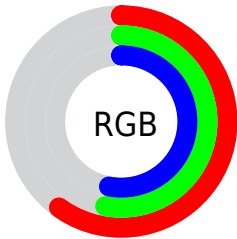
Format	Color
R_{YB}	152, 136, 135
Decimal	9996423
CIE _{Lab}	58.00, 5.84, 2.72
CIE _{LCh}	58, 6.444, 25.015
Yxy	25.9610, 0.3319, 0.3307
Android (android.graphics.Color)	4288186503 (0xFF988887)
YUV	140.6700, -2.7953, 9.9364
Hunter-Lab	50.9519, 2.1139, 4.8363

Details

The CIELCh color $58, 6.444, 25.015$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 6.003, 204.332$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 6.411, 24.594$, and $38, 6.609, 25.573$ is the 20% darker color. If you saturate the color by 10%, you get $54, 12.693, 25.651$, and if you desaturate by 10%, it is $62, 0.661, 23.983$.

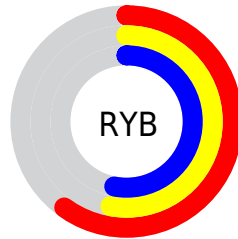
Distribution



Red (60%)

Green (53%)

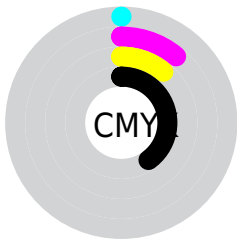
Blue (53%)



Red (60%)

Yellow (53%)

Blue (53%)

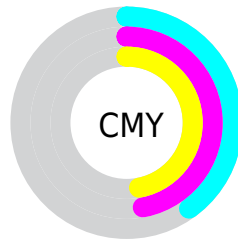


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 6.444, 25.015 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 58, 6.444, 25.015 by changing the saturation by 10% instead.

 58, 6.444, 25.015  58, 6.444, 25.015

 100, 6.444, 25.015  48, 6.444, 25.015

 78, 6.444, 25.015  38, 6.444, 25.015

 88, 6.444, 25.015  28, 6.444, 25.015

 98, 6.444, 25.015  18, 6.444, 25.015

 8, 6.444, 25.015

 0, 6.444, 25.015

 58, 6.444, 25.015  58, 6.444, 25.015

 54, 12.693, 25.651  62, 0.661, 23.983

 50, 19.429, 26.456  67, 4.685, 204.451

46, 26.638, 27.522

71, 9.637, 204.177

42, 34.262, 28.927

75, 14.238,
204.004

39, 42.185, 30.746

80, 18.528,
203.890

36, 50.207, 33.020

34, 58.000, 35.669

84, 22.546,
203.818

32, 64.918, 38.305

88, 26.325,
203.777

31, 69.692, 40.377

93, 29.939,
202.452

94, 31.445,
197.482

Harmonies

Complementary

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



58, 6.444, 25.015



61, 6.003, 204.332

Rectangle

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



58, 6.444, 25.015



58, 6.444, 75.015



58, 6.444, 205.015



58, 6.444, 255.015

Sweetspot

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



58, 6.443, 25.030



78, 2.062, 24.473



58, 11.313, 326.401



41, 1.580, 24.558



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 6.443, 25.030



72, 9.303, 25.148



60, 6.075, 79.215



30, 3.248, 24.918



29, 65.310, 40.059



1, 3.396, 24.526

Inverse Universe

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



61, 6.003, 204.332



77, 8.549, 204.262



59, 5.967, 262.151



32, 3.065, 204.406



50, 29.786, 206.069



3, 3.371, 205.305

Previews

White Background



This preview shows how the CIELCh color 58, 6.444, 25.015 looks on a white 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

Black Background



This preview shows how the CIE LCh color 58, 6.444, 25.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

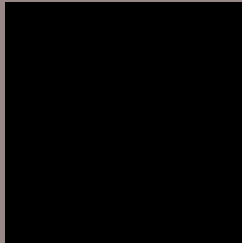
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 6.444, 25.015

Background



This preview shows how black text looks on a background with the CIELCh color 58, 6.444, 25.015.



This preview shows how white text looks on a background with the CIELCh color 58, 6.444, 25.015.

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

58, 6.444, 25.015

Protanopia

58, 2.309, 66.653

Deuteranopia

58, 8.049, 20.185



Tritanopia
58, 9.736, 340.545

Trichromacy



Original Color
58, 6.444, 25.015

Protanomaly
58, 3.367, 39.218

Deuteranomaly
58, 7.639, 20.139

Tritanomaly
58, 7.900, 354.740

Monochromacy



Original Color
58, 6.444, 25.015

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 2.366, 19.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 6.444, 25.015 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(152, 136, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 136, 135)  
}
```

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(152, 136, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 136, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 6.444, 25.015 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(152, 136, 135) }
```

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

```
.border{ border-color:rgb(152, 136, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 136, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 136, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 136, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 136,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 6.444, 25.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 136, 135) }
```

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

```
.background{ background-color: rgb(152,  
136, 135) }
```

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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